

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Blue (PC-1MR) AUS

[File No.] 100303E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Classification not possible |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.
: May cause genetic defects

- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required.(Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| Titanium dioxide | 13463-67-7 | < 10 |
| 2-Propanol | 67-63-0 | < 1 |
| Ethanol | 64-17-5 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| | | |
|------------------------|--------------------------|----------------------------|
| [Control parameters] | | |
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m ³ | (TWA)10mg/m ³ |
| 1,2-Ethanediol | – | (STEL)100mg/m ³ |
| [Exposure controls] | | |
| Protective equipment | : Not required. | |
| Respiratory protection | : Not required. | |
| Hands protection | : Not required. | |
| Eye protection | : Not required. | |
| Skin protection | : Not required. | |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : Blue |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.3 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.1 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >70% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category 2B

1,2-Ethanediol : Category 2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

No information available.

Toxic to reproduction

2-Propanol : Category2

Ethanol : Category1A

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

1,2-Ethanediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Glacier blue (PC-1MR) AUS

[File No.] 100547E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.
: May cause genetic defects

- : Suspected of causing cancer
- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Titanium dioxide | 13463-67-7 | 10-30 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| 2-Propanol | 67-63-0 | < 10 |
| Ethanol | 64-17-5 | < 10 |
| 1-Propanol | 71-23-8 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| | | |
|----------------------|--------------------------|-----------------------------|
| [Control parameters] | | |
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m ³ | (TWA)10mg/m ³ |
| 2-Propanol | – | (TWA)200ppm (STEL)400ppm |
| Ethanol | – | (TWA)1000ppm |
| 1,2-Ethanediol | – | (STEL)100mg/m ³ |

| | |
|------------------------|-----------------|
| [Exposure controls] | |
| Protective equipment | : Not required. |
| Respiratory protection | : Not required. |
| Hands protection | : Not required. |
| Eye protection | : Not required. |
| Skin protection | : Not required. |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : Blue |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.0 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.3 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >60% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

| | |
|------------------|---------------|
| Titanium dioxide | : Category 2B |
| 2-Propanol | : Category 2A |
| Ethanol | : Category 2A |
| 1,2-Ethanediol | : Category 2B |

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

1-Propanol : Category2

Toxic to reproduction

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

Titanium dioxide : Category3

2-Propanol : Category1

1,2-Ethenediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

2-Propanol : Category2

Ethanol : Category1

1,2-Ethenediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

| | |
|--------------------------------|---|
| [Environmental hazards] | No information available. |
| [HS Code] | 960820 |
| [Special precautions for user] | Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container. |

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Gold (PC-1MR) AUS

[File No.] 100304E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Not classified |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Classification not possible |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Classification not possible |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|-------------------------------|
| Hazard to the Aquatic Environment (Acute) | : Classification not possible |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : May cause genetic defects

: May damage fertility or the unborn child

| | |
|-------------------------|---|
| | : Causes damage to organs through prolonged or repeated exposure |
| Precautionary Statement | |
| | : Do not breathe dust/vapours etc.. |
| | : Do not eat, drink or smoke when using this product. |
| | : Use personal protective equipment as required. (Refer to Section 8) |
| | : Get medical advice/attention if you feel unwell. |
| | : IF exposed or concerned: Get medical advice/attention. |
| | : Dispose in accordance with all current regulations and standards. |
| [Other hazards] | No information available. |

3. Composition/information on ingredients

| | | |
|--|-------------------|--------------------------|
| [The chemical product is a substance or a mixture] | | Mixture |
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Aluminum (as paste) | 7429-90-5 | < 10 |
| Glycerine | 56-81-5 | < 10 |
| Propanol, 1-methoxy- | 107-98-2 | < 10 |
| 2-Propanol | 67-63-0 | < 1 |
| Ethanol | 64-17-5 | < 1 |

4. First aid measures

| | |
|--|---|
| [Description of first aid measures] | |
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. : Take off the contact lens if possible : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. : Consult medical advice depending on the symptoms. : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. : If not feeling well, move to an area of fresh air and rest. : Consult medical advice depending on the symptoms. |
| [Most important symptoms and effects, both acute and delayed] | |
| No information available. | |
| [Indication of any immediate medical attention and special treatment needed] | |
| No information available. | |

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions]

Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local regulations.

[Reference to other sections]

No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.

Recommended temperature : 0–40°C

[Specific end use(s)]

No information available.

8. Exposure controls/personal protection

[Control parameters]

| Chemical name | OSHA | ACGIH |
|----------------------|------|-----------------------------|
| Aluminum (as paste) | – | (TWA)10ppm |
| Glycerine | – | (TWA)10mg/m ³ |
| Propanol, 1-methoxy- | – | (TWA)100ppm (STEL)150ppm |

[Exposure controls]

| | |
|------------------------|-----------------|
| Protective equipment | : Not required. |
| Respiratory protection | : Not required. |
| Hands protection | : Not required. |
| Eye protection | : Not required. |
| Skin protection | : Not required. |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|-------|---------------|
| Color | : Gold |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.2 |

| | |
|--------------------------|--|
| Boiling point | : No information available.[Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density(air=1) | : No information available. |
| Density | : about1.1 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >70% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

| | |
|--|--------------------------------|
| [Information on toxicological effects] | |
| Acute toxicity(oral) | |
| Not classified | : >2000 mg/kg (estimate value) |
| Acute toxicity(skin) | |
| Not classified | : >2000 mg/kg (estimate value) |
| Acute toxicity(inhalation:vapours) | |
| Not classified | : >20 mg/L (estimate value) |
| Skin corrosion/irritation | |
| No information available. | |
| Serious eye damage/Eye Irritation | |
| No information available. | |
| Respiratory sensitizer | |
| No information available. | |
| Skin sensitizer | |
| No information available. | |
| Germ cell mutagenicity | |
| Ethanol | : Category1B |
| Carcinogenicity | |
| No information available. | |

Toxic to reproduction

2-Propanol : Category2
Ethanol : Category1A

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Aluminum (as paste) : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards] No information available.

[HS Code] 960820

[Special precautions for user] Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Green (PC-1MR) AUS

[File No.] 100305E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.
: May cause genetic defects

- : Suspected of causing cancer
- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| Ethanol | 64-17-5 | < 10 |
| Titanium dioxide | 13463-67-7 | < 10 |
| 1-Propanol | 71-23-8 | < 1 |
| 2-Propanol | 67-63-0 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| | | |
|------------------------|-----------------|----------------|
| [Control parameters] | | |
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m3 | (TWA)10mg/m3 |
| Ethanol | – | (TWA)1000ppm |
| 1,2-Ethenediol | – | (STEL)100mg/m3 |
| [Exposure controls] | | |
| Protective equipment | : Not required. | |
| Respiratory protection | : Not required. | |
| Hands protection | : Not required. | |
| Eye protection | : Not required. | |
| Skin protection | : Not required. | |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : Green |
| State | : Liquid |
| Odor | : No information available. |
| pH | : about 8.0 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.1 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >70% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category 2B

Ethanol : Category 2A

1,2-Ethenediol : Category 2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

1-Propanol : Category2

Toxic to reproduction

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Ethanol : Category1

1,2-Ethanediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Lavender (PC-1MR) AUS

[File No.] 100552E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.
: May cause genetic defects

- : Suspected of causing cancer
- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Titanium dioxide | 13463-67-7 | 10-30 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| Ethanol | 64-17-5 | < 10 |
| 1-Propanol | 71-23-8 | < 1 |
| 2-Propanol | 67-63-0 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| | | |
|------------------------|-----------------|----------------|
| [Control parameters] | | |
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m3 | (TWA)10mg/m3 |
| Ethanol | – | (TWA)1000ppm |
| 1,2-Ethanediol | – | (STEL)100mg/m3 |
| [Exposure controls] | | |
| Protective equipment | : Not required. | |
| Respiratory protection | : Not required. | |
| Hands protection | : Not required. | |
| Eye protection | : Not required. | |
| Skin protection | : Not required. | |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : Violet |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.0 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.2 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >60% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category 2B

Ethanol : Category 2A

1,2-Ethanediol : Category 2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

1-Propanol : Category2

Toxic to reproduction

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Ethanol : Category1

1,2-Ethanediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Light blue (PC-1MR) AUS
 [File No.] 100306E
 [Date of issue] 2020/02/15
 [Details of Manufacture]
 Manufacture's name: MITSUBISHI PENCIL CO., LTD.
 Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
 Telephone number: 03-3458-6281 telefax number: 03-3450-0363
 (Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)
 Address: 674 Lorimar Street, Port Melbourne VIC 3207
 Telephone number: 03 9646 5630
 (Only office hour are available.)
 Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word

: Danger

Hazard Statement

: Causes serious eye irritation.
 : May cause genetic defects

- : Suspected of causing cancer
- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Titanium dioxide | 13463-67-7 | 10-30 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| Ethanol | 64-17-5 | < 10 |
| 1-Propanol | 71-23-8 | < 1 |
| 2-Propanol | 67-63-0 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| | | |
|------------------------|-----------------|----------------|
| [Control parameters] | | |
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m3 | (TWA)10mg/m3 |
| Ethanol | – | (TWA)1000ppm |
| 1,2-Ethanediol | – | (STEL)100mg/m3 |
| [Exposure controls] | | |
| Protective equipment | : Not required. | |
| Respiratory protection | : Not required. | |
| Hands protection | : Not required. | |
| Eye protection | : Not required. | |
| Skin protection | : Not required. | |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : Light blue |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 7.9 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.2 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >60% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category 2B

Ethanol : Category 2A

1,2-Ethenediol : Category 2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

1-Propanol : Category2

Toxic to reproduction

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Ethanol : Category1

1,2-Ethanediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Light pink (PC-1MR) AUS

[File No.] 100583E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.
: May cause genetic defects

- : Suspected of causing cancer
- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Titanium dioxide | 13463-67-7 | 10-30 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| Ethanol | 64-17-5 | < 10 |
| 1-Propanol | 71-23-8 | < 1 |
| 2-Propanol | 67-63-0 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| | | |
|------------------------|-----------------|----------------|
| [Control parameters] | | |
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m3 | (TWA)10mg/m3 |
| Ethanol | – | (TWA)1000ppm |
| 1,2-Ethenediol | – | (STEL)100mg/m3 |
| [Exposure controls] | | |
| Protective equipment | : Not required. | |
| Respiratory protection | : Not required. | |
| Hands protection | : Not required. | |
| Eye protection | : Not required. | |
| Skin protection | : Not required. | |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : Pink |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.0 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.2 |
| Solubility in water | : No information available. |
| Evaporation rate | : No information available. |
| Volatile | : >60% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category 2B

Ethanol : Category 2A

1,2-Ethanediol : Category 2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

1-Propanol : Category2

Toxic to reproduction

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Ethanol : Category1

1,2-Ethanediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Metallic blue (PC-1MR) AUS

[File No.] 100307E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Not classified |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Classification not possible |
| Carcinogenicity | : Classification not possible |
| Toxic to reproduction | : Category2 |
| Specific target organ systemic toxicity(single exposure) | : Classification not possible |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|-------------------------------|
| Hazard to the Aquatic Environment (Acute) | : Classification not possible |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Suspected of damaging fertility or the unborn child
: Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required.(Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF exposed or concerned: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| | | |
|--|-------------------|--------------------------|
| [The chemical product is a substance or a mixture] | | Mixture |
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Aluminum (as paste) | 7429-90-5 | < 10 |
| Glycerine | 56-81-5 | < 10 |
| Propanol, 1-methoxy- | 107-98-2 | < 10 |
| 2-Propanol | 67-63-0 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters]

Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions]

Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local regulations.

[Reference to other sections]

No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.

Recommended temperature : 0–40°C

[Specific end use(s)]

No information available.

8. Exposure controls/personal protection

[Control parameters]

| Chemical name | OSHA | ACGIH |
|----------------------|------|-----------------------------|
| Aluminum (as paste) | – | (TWA)10ppm |
| Glycerine | – | (TWA)10mg/m ³ |
| Propanol, 1-methoxy– | – | (TWA)100ppm (STEL)150ppm |

[Exposure controls]

| | |
|------------------------|-----------------|
| Protective equipment | : Not required. |
| Respiratory protection | : Not required. |
| Hands protection | : Not required. |
| Eye protection | : Not required. |
| Skin protection | : Not required. |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|-------|---------------|
| Color | : Blue |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.3 |

| | |
|--------------------------|--|
| Boiling point | : No information available.[Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density(air=1) | : No information available. |
| Density | : about1.1 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >70% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

| | |
|--|--------------------------------|
| [Information on toxicological effects] | |
| Acute toxicity(oral) | |
| Not classified | : >2000 mg/kg (estimate value) |
| Acute toxicity(skin) | |
| Not classified | : >2000 mg/kg (estimate value) |
| Acute toxicity(inhalation:vapours) | |
| Not classified | : >20 mg/L (estimate value) |
| Skin corrosion/irritation | |
| No information available. | |
| Serious eye damage/Eye Irritation | |
| No information available. | |
| Respiratory sensitizer | |
| No information available. | |
| Skin sensitizer | |
| No information available. | |
| Germ cell mutagenicity | |
| No information available. | |
| Carcinogenicity | |
| No information available. | |

Toxic to reproduction

2-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Aluminum (as paste) : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Metallic green (PC-1MR) AUS

[File No.] 100308E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Not classified |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Classification not possible |
| Carcinogenicity | : Classification not possible |
| Toxic to reproduction | : Category2 |
| Specific target organ systemic toxicity(single exposure) | : Classification not possible |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|-------------------------------|
| Hazard to the Aquatic Environment (Acute) | : Classification not possible |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Suspected of damaging fertility or the unborn child
: Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required.(Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF exposed or concerned: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| | | |
|--|-------------------|--------------------------|
| [The chemical product is a substance or a mixture] | | Mixture |
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Aluminum (as paste) | 7429-90-5 | < 10 |
| Glycerine | 56-81-5 | < 10 |
| Propanol, 1-methoxy- | 107-98-2 | < 10 |
| 2-Propanol | 67-63-0 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters]

Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions]

Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local regulations.

[Reference to other sections]

No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.

Recommended temperature : 0–40°C

[Specific end use(s)]

No information available.

8. Exposure controls/personal protection

[Control parameters]

| Chemical name | OSHA | ACGIH |
|----------------------|------|-----------------------------|
| Aluminum (as paste) | – | (TWA)10ppm |
| Glycerine | – | (TWA)10mg/m ³ |
| Propanol, 1-methoxy- | – | (TWA)100ppm (STEL)150ppm |

[Exposure controls]

| | |
|------------------------|-----------------|
| Protective equipment | : Not required. |
| Respiratory protection | : Not required. |
| Hands protection | : Not required. |
| Eye protection | : Not required. |
| Skin protection | : Not required. |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|-------|------------------|
| Color | : Metallic green |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.3 |

| | |
|--------------------------|--|
| Boiling point | : No information available.[Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density(air=1) | : No information available. |
| Density | : about1.1 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >70% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

| | |
|--|--------------------------------|
| [Information on toxicological effects] | |
| Acute toxicity(oral) | |
| Not classified | : >2000 mg/kg (estimate value) |
| Acute toxicity(skin) | |
| Not classified | : >2000 mg/kg (estimate value) |
| Acute toxicity(inhalation:vapours) | |
| Not classified | : >20 mg/L (estimate value) |
| Skin corrosion/irritation | |
| No information available. | |
| Serious eye damage/Eye Irritation | |
| No information available. | |
| Respiratory sensitizer | |
| No information available. | |
| Skin sensitizer | |
| No information available. | |
| Germ cell mutagenicity | |
| No information available. | |
| Carcinogenicity | |
| No information available. | |

Toxic to reproduction

2-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Aluminum (as paste) : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Metallic pink (PC-1MR) AUS

[File No.] 100315E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Not classified |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Classification not possible |
| Carcinogenicity | : Classification not possible |
| Toxic to reproduction | : Classification not possible |
| Specific target organ systemic toxicity(single exposure) | : Classification not possible |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Classification not possible |

ENVIRONMENTAL HAZARDS

| | |
|---|-------------------------------|
| Hazard to the Aquatic Environment (Acute) | : Classification not possible |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Get medical advice/attention if you feel unwell.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| | | |
|--|-------------------|--------------------------|
| [The chemical product is a substance or a mixture] | | Mixture |
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Aluminum (as paste) | 7429-90-5 | < 10 |
| Glycerine | 56-81-5 | < 10 |
| Propanol, 1-methoxy- | 107-98-2 | < 10 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters]

Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions]

Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local regulations.

[Reference to other sections]

No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.

Recommended temperature : 0–40°C

[Specific end use(s)]

No information available.

8. Exposure controls/personal protection

[Control parameters]

| Chemical name | OSHA | ACGIH |
|----------------------|------|-----------------------------|
| Aluminum (as paste) | – | (TWA)10ppm |
| Glycerine | – | (TWA)10mg/m ³ |
| Propanol, 1-methoxy– | – | (TWA)100ppm (STEL)150ppm |

[Exposure controls]

| | |
|------------------------|-----------------|
| Protective equipment | : Not required. |
| Respiratory protection | : Not required. |
| Hands protection | : Not required. |
| Eye protection | : Not required. |
| Skin protection | : Not required. |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|---------------|---|
| Color | : Pink |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.3 |
| Boiling point | : No information available. [Water 100.0°C] |

| | |
|--------------------------|-----------------------------|
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density(air=1) | : No information available. |
| Density | : about 1.1 |
| Solubility in water | : No information available. |
| Evaporation rate | : No information available. |
| Volatile | : >70% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

| | |
|--|--------------------------------|
| [Information on toxicological effects] | |
| Acute toxicity(oral) | |
| Not classified | : >2000 mg/kg (estimate value) |
| Acute toxicity(skin) | |
| Not classified | : >2000 mg/kg (estimate value) |
| Acute toxicity(inhalation:vapours) | |
| Not classified | : >20 mg/L (estimate value) |
| Skin corrosion/irritation | |
| No information available. | |
| Serious eye damage/Eye Irritation | |
| No information available. | |
| Respiratory sensitizer | |
| No information available. | |
| Skin sensitizer | |
| No information available. | |
| Germ cell mutagenicity | |
| No information available. | |
| Carcinogenicity | |
| No information available. | |

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Aluminum (as paste) : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Metallic red (PC-1MR) AUS

[File No.] 100322E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Not classified |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Classification not possible |
| Carcinogenicity | : Classification not possible |
| Toxic to reproduction | : Classification not possible |
| Specific target organ systemic toxicity(single exposure) | : Classification not possible |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Classification not possible |

ENVIRONMENTAL HAZARDS

| | |
|---|-------------------------------|
| Hazard to the Aquatic Environment (Acute) | : Classification not possible |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Get medical advice/attention if you feel unwell.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| | | |
|--|-------------------|--------------------------|
| [The chemical product is a substance or a mixture] | | Mixture |
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Aluminum (as paste) | 7429-90-5 | < 10 |
| Glycerine | 56-81-5 | < 10 |
| Propanol, 1-methoxy- | 107-98-2 | < 10 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters]

Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions]

Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local regulations.

[Reference to other sections]

No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.

Recommended temperature : 0–40°C

[Specific end use(s)]

No information available.

8. Exposure controls/personal protection

[Control parameters]

| Chemical name | OSHA | ACGIH |
|----------------------|------|-----------------------------|
| Aluminum (as paste) | – | (TWA)10ppm |
| Glycerine | – | (TWA)10mg/m ³ |
| Propanol, 1-methoxy– | – | (TWA)100ppm (STEL)150ppm |

[Exposure controls]

| | |
|------------------------|-----------------|
| Protective equipment | : Not required. |
| Respiratory protection | : Not required. |
| Hands protection | : Not required. |
| Eye protection | : Not required. |
| Skin protection | : Not required. |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|---------------|---|
| Color | : Red |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.3 |
| Boiling point | : No information available. [Water 100.0°C] |

| | |
|--------------------------|-----------------------------|
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density(air=1) | : No information available. |
| Density | : about 1.1 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >70% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

| | |
|--|--------------------------------|
| [Information on toxicological effects] | |
| Acute toxicity(oral) | |
| Not classified | : >2000 mg/kg (estimate value) |
| Acute toxicity(skin) | |
| Not classified | : >2000 mg/kg (estimate value) |
| Acute toxicity(inhalation:vapours) | |
| Not classified | : >20 mg/L (estimate value) |
| Skin corrosion/irritation | |
| No information available. | |
| Serious eye damage/Eye Irritation | |
| No information available. | |
| Respiratory sensitizer | |
| No information available. | |
| Skin sensitizer | |
| No information available. | |
| Germ cell mutagenicity | |
| No information available. | |
| Carcinogenicity | |
| No information available. | |

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Aluminum (as paste) : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Orange (PC-1MR) AUS

[File No.] 100324E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.
: May cause genetic defects

- : Suspected of causing cancer
- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Titanium dioxide | 13463-67-7 | 10-30 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| Ethanol | 64-17-5 | < 10 |
| 1-Propanol | 71-23-8 | < 1 |
| 2-Propanol | 67-63-0 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| | | |
|------------------------|-----------------|----------------|
| [Control parameters] | | |
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m3 | (TWA)10mg/m3 |
| Ethanol | – | (TWA)1000ppm |
| 1,2-Ethenediol | – | (STEL)100mg/m3 |
| [Exposure controls] | | |
| Protective equipment | : Not required. | |
| Respiratory protection | : Not required. | |
| Hands protection | : Not required. | |
| Eye protection | : Not required. | |
| Skin protection | : Not required. | |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : Orange |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.1 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.2 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >60% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category 2B

Ethanol : Category 2A

1,2-Ethenediol : Category 2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

1-Propanol : Category2

Toxic to reproduction

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Ethanol : Category1

1,2-Ethanediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Pink (PC-1MR) AUS

[File No.] 100325E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.
: May cause genetic defects

- : Suspected of causing cancer
- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Titanium dioxide | 13463-67-7 | 10-30 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| Ethanol | 64-17-5 | < 10 |
| 1-Propanol | 71-23-8 | < 1 |
| 2-Propanol | 67-63-0 | < 1 |
| Polyethylene glycol nonylphenyl ether | 9016-45-9 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| | | |
|----------------------|--------------------------|----------------------------|
| [Control parameters] | | |
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m ³ | (TWA)10mg/m ³ |
| Ethanol | – | (TWA)1000ppm |
| 1,2-Ethenediol | – | (STEL)100mg/m ³ |

| | |
|------------------------|-----------------|
| [Exposure controls] | |
| Protective equipment | : Not required. |
| Respiratory protection | : Not required. |
| Hands protection | : Not required. |
| Eye protection | : Not required. |
| Skin protection | : Not required. |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : Pink |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 7.9 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.2 |
| Solubility in water | : No information available. |
| Evaporation rate | : No information available. |
| Volatile | : >60% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category 2B

Ethanol : Category 2A

1,2-Ethenediol : Category 2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

1-Propanol : Category2

Toxic to reproduction

Polyethylene glycol nonylphenyl ether : Category2

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Ethanol : Category1

1,2-Ethanediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Red (PC-1MR) AUS

[File No.] 100327E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.
: May cause genetic defects

- : Suspected of causing cancer
- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Titanium dioxide | 13463-67-7 | 10-30 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| Ethanol | 64-17-5 | < 10 |
| 1-Propanol | 71-23-8 | < 1 |
| 2-Propanol | 67-63-0 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| | | |
|------------------------|-----------------|----------------|
| [Control parameters] | | |
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m3 | (TWA)10mg/m3 |
| Ethanol | – | (TWA)1000ppm |
| 1,2-Ethenediol | – | (STEL)100mg/m3 |
| [Exposure controls] | | |
| Protective equipment | : Not required. | |
| Respiratory protection | : Not required. | |
| Hands protection | : Not required. | |
| Eye protection | : Not required. | |
| Skin protection | : Not required. | |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : Red |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.2 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.1 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >60% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category 2B

Ethanol : Category 2A

1,2-Ethenediol : Category 2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

1-Propanol : Category2

Toxic to reproduction

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Ethanol : Category1

1,2-Ethanediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Silver (PC-1MR) AUS

[File No.] 100328E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Not classified |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Classification not possible |
| Carcinogenicity | : Classification not possible |
| Toxic to reproduction | : Category2 |
| Specific target organ systemic toxicity(single exposure) | : Classification not possible |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|-------------------------------|
| Hazard to the Aquatic Environment (Acute) | : Classification not possible |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram

:



Signal Word

: Danger

Hazard Statement

: Suspected of damaging fertility or the unborn child
: Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF exposed or concerned: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| | | |
|--|-------------------|--------------------------|
| [The chemical product is a substance or a mixture] | | Mixture |
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Aluminum (as paste) | 7429-90-5 | < 10 |
| Glycerine | 56-81-5 | < 10 |
| Propanol, 1-methoxy- | 107-98-2 | < 10 |
| 2-Propanol | 67-63-0 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

[Extinguishing media] Regular dry chemical, carbon dioxide, water, regular foam

[Special hazards arising from the substance or mixture]

No further relevant information available.

[Advice for firefighters]

Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.

Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

Rope off the area to contain the leak and prohibit entrance except for authorized persons.

Wear appropriate protection gear.

Do not work in the leeward.

[Environmental precautions]

Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.

Do not allow leaked material to pollute rivers, lakes, etc.

[Methods and material for containment and cleaning up]

Wipe off by dry cloth and wash with water.

Dispose of pollution or waste in accordance with national, state and local regulations.

[Reference to other sections]

No information available.

7. Handling and storage

[Precautions for safe handling]

Do not lick or swallow the ink.

Avoid contact with skin and eyes.

Recap after use (if there is a cap), and keep out of the reach of infants.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.

Recommended temperature : 0–40°C

[Specific end use(s)]

No information available.

8. Exposure controls/personal protection

[Control parameters]

| Chemical name | OSHA | ACGIH |
|----------------------|------|-----------------------------|
| Aluminum (as paste) | – | (TWA)10ppm |
| Glycerine | – | (TWA)10mg/m ³ |
| Propanol, 1-methoxy– | – | (TWA)100ppm (STEL)150ppm |

[Exposure controls]

| | |
|------------------------|-----------------|
| Protective equipment | : Not required. |
| Respiratory protection | : Not required. |
| Hands protection | : Not required. |
| Eye protection | : Not required. |
| Skin protection | : Not required. |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|-------|---------------|
| Color | : Silver |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.3 |

| | |
|--------------------------|--|
| Boiling point | : No information available.[Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density(air=1) | : No information available. |
| Density | : about1.1 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >70% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

| | |
|--|--------------------------------|
| [Information on toxicological effects] | |
| Acute toxicity(oral) | |
| Not classified | : >2000 mg/kg (estimate value) |
| Acute toxicity(skin) | |
| Not classified | : >2000 mg/kg (estimate value) |
| Acute toxicity(inhalation:vapours) | |
| Not classified | : >20 mg/L (estimate value) |
| Skin corrosion/irritation | |
| No information available. | |
| Serious eye damage/Eye Irritation | |
| No information available. | |
| Respiratory sensitizer | |
| No information available. | |
| Skin sensitizer | |
| No information available. | |
| Germ cell mutagenicity | |
| No information available. | |
| Carcinogenicity | |
| No information available. | |

Toxic to reproduction

2-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

Aluminum (as paste) : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Sunshine yellow (PC-1MR) AUS

[File No.] 100548E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.
: May cause genetic defects

- : Suspected of causing cancer
- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Titanium dioxide | 13463-67-7 | 10-30 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| Ethanol | 64-17-5 | < 10 |
| 1-Propanol | 71-23-8 | < 1 |
| 2-Propanol | 67-63-0 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| | | |
|------------------------|-----------------|----------------|
| [Control parameters] | | |
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m3 | (TWA)10mg/m3 |
| Ethanol | – | (TWA)1000ppm |
| 1,2-Ethanediol | – | (STEL)100mg/m3 |
| [Exposure controls] | | |
| Protective equipment | : Not required. | |
| Respiratory protection | : Not required. | |
| Hands protection | : Not required. | |
| Eye protection | : Not required. | |
| Skin protection | : Not required. | |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : Yellow |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.0 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.2 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >60% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category 2B

Ethanol : Category 2A

1,2-Ethenediol : Category 2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

1-Propanol : Category2

Toxic to reproduction

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Ethanol : Category1

1,2-Ethanediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Violet (PC-1MR) AUS

[File No.] 100329E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.
: May cause genetic defects

- : Suspected of causing cancer
- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| Ethanol | 64-17-5 | < 10 |
| Titanium dioxide | 13463-67-7 | < 10 |
| 1-Propanol | 71-23-8 | < 1 |
| 2-Propanol | 67-63-0 | < 1 |
| Polyethylene glycol nonylphenyl ether | 9016-45-9 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| | | |
|----------------------|--------------------------|----------------------------|
| [Control parameters] | | |
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m ³ | (TWA)10mg/m ³ |
| Ethanol | – | (TWA)1000ppm |
| 1,2-Ethenediol | – | (STEL)100mg/m ³ |

| | |
|------------------------|-----------------|
| [Exposure controls] | |
| Protective equipment | : Not required. |
| Respiratory protection | : Not required. |
| Hands protection | : Not required. |
| Eye protection | : Not required. |
| Skin protection | : Not required. |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : Violet |
| State | : Liquid |
| Odor | : No information available. |
| pH | : about 7.8 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.1 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >60% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category 2B

Ethanol : Category 2A

1,2-Ethenediol : Category 2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

1-Propanol : Category2

Toxic to reproduction

Polyethylene glycol nonylphenyl ether : Category2

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Ethanol : Category1

1,2-Ethanediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA White (PC-1MR) AUS

[File No.] 100330E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.
: May cause genetic defects

- : Suspected of causing cancer
- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Titanium dioxide | 13463-67-7 | 10-30 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| 2-Propanol | 67-63-0 | < 10 |
| Ethanol | 64-17-5 | < 10 |
| 1-Propanol | 71-23-8 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| [Control parameters] | | |
|----------------------|--------------------------|-----------------------------|
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m ³ | (TWA)10mg/m ³ |
| 2-Propanol | – | (TWA)200ppm (STEL)400ppm |
| Ethanol | – | (TWA)1000ppm |
| 1,2-Ethanediol | – | (STEL)100mg/m ³ |

| | |
|------------------------|-----------------|
| [Exposure controls] | |
| Protective equipment | : Not required. |
| Respiratory protection | : Not required. |
| Hands protection | : Not required. |
| Eye protection | : Not required. |
| Skin protection | : Not required. |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : White |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 7.9 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.3 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >60% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category 2B

2-Propanol : Category 2A

Ethanol : Category 2A

1,2-Ethanediol : Category 2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

1-Propanol : Category2

Toxic to reproduction

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

Titanium dioxide : Category3

2-Propanol : Category1

1,2-Ethenediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

2-Propanol : Category2

Ethanol : Category1

1,2-Ethenediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

| | |
|--------------------------------|---|
| [Environmental hazards] | No information available. |
| [HS Code] | 960820 |
| [Special precautions for user] | Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container. |

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Yellow (PC-1MR) AUS

[File No.] 100342E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.
: May cause genetic defects

- : Suspected of causing cancer
- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Titanium dioxide | 13463-67-7 | 10-30 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| Ethanol | 64-17-5 | < 10 |
| 1-Propanol | 71-23-8 | < 1 |
| 2-Propanol | 67-63-0 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| | | |
|------------------------|-----------------|----------------|
| [Control parameters] | | |
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m3 | (TWA)10mg/m3 |
| Ethanol | – | (TWA)1000ppm |
| 1,2-Ethenediol | – | (STEL)100mg/m3 |
| [Exposure controls] | | |
| Protective equipment | : Not required. | |
| Respiratory protection | : Not required. | |
| Hands protection | : Not required. | |
| Eye protection | : Not required. | |
| Skin protection | : Not required. | |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : Yellow |
| State | : Liquid |
| Odor | : No information available. |
| pH | : about 8.2 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.2 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >60% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category 2B

Ethanol : Category 2A

1,2-Ethenediol : Category 2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

1-Propanol : Category2

Toxic to reproduction

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Ethanol : Category1

1,2-Ethanediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Apricot (PC-1MR) AUS

[File No.] 100550E

[Date of issue] 2020/02/15

[Details of Manufacture]

Manufacture's name: MITSUBISHI PENCIL CO., LTD.

Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN

Telephone number: 03-3458-6281 telefax number: 03-3450-0363
(Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630
(Only office hour are available.)

Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

| | |
|--|-------------------------------|
| Acute toxicity(oral) | : Not classified |
| Acute toxicity(skin) | : Not classified |
| Acute toxicity(inhalation steam) | : Not classified |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Classification not possible |
| Skin sensitizer | : Classification not possible |
| Germ cell mutagenicity | : Category1 |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Category1 |
| Specific target organ systemic toxicity(single exposure) | : Category1 |
| Specific target organ systemic toxicity(repeated exposure) | : Category1 |
| Aspiration hazard | : Not classified |

ENVIRONMENTAL HAZARDS

| | |
|---|------------------|
| Hazard to the Aquatic Environment (Acute) | : Not classified |
| Hazard to the Aquatic Environment (Chronic) | : Not classified |

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes serious eye irritation.
: May cause genetic defects

- : Suspected of causing cancer
- : May damage fertility or the unborn child
- : Causes damage to organs
- : Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required. (Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : IF exposed or concerned: Get medical advice/attention.
- : If eye irritation persists: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.

[Other hazards]

No information available.

3. Composition/information on ingredients

| [The chemical product is a substance or a mixture] | | Mixture |
|--|-------------------|--------------------------|
| [Chemical nature] | [Component parts] | Ink |
| Chemical name | Cas No. | Concentration range(wt%) |
| Water | 7732-18-5 | 50-80 |
| Titanium dioxide | 13463-67-7 | 10-30 |
| 1,2-Ethanediol | 107-21-1 | < 10 |
| Ethanol | 64-17-5 | < 10 |
| 1-Propanol | 71-23-8 | < 1 |
| 2-Propanol | 67-63-0 | < 1 |

4. First aid measures

[Description of first aid measures]

- | | |
|--------------|--|
| Eye contact | : Flush eyes with plenty of water for at least 15 minutes. |
| | : Take off the contact lens if possible |
| | : Consult medical advice depending on the symptoms. |
| Skin contact | : Wash skin. |
| | : Consult medical advice depending on the symptoms. |
| | : Thoroughly clean and dry contaminated clothing and shoes before reuse. |
| Ingestion | : Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion. |
| | : Consult medical advice depending on the symptoms. |
| Inhalation | : Due to its low vapor pressure inhalation is unlikely at room temperature. |
| | : If not feeling well, move to an area of fresh air and rest. |
| | : Consult medical advice depending on the symptoms. |

[Most important symptoms and effects, both acute and delayed]

No information available.

[Indication of any immediate medical attention and special treatment needed]

No information available.

5. Firefighting measures

| | |
|---|--|
| [Extinguishing media] | Regular dry chemical, carbon dioxide, water, regular foam |
| [Special hazards arising from the substance or mixture] | No further relevant information available. |
| [Advice for firefighters] | Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products. Wear suitable protective equipment. |

6. Accidental release measures

| | |
|---|---|
| [Personal precautions, protective equipment and emergency procedures] | Rope off the area to contain the leak and prohibit entrance except for authorized persons. Wear appropriate protection gear. Do not work in the leeward. |
| [Environmental precautions] | Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. |
| [Methods and material for containment and cleaning up] | Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations. |
| [Reference to other sections] | No information available. |

7. Handling and storage

| | |
|--|--|
| [Precautions for safe handling] | Do not lick or swallow the ink. Avoid contact with skin and eyes. Recap after use (if there is a cap), and keep out of the reach of infants. |
| [Conditions for safe storage, including any incompatibilities] | Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : 0–40°C |
| [Specific end use(s)] | No information available. |

8. Exposure controls/personal protection

| | | |
|------------------------|-----------------|----------------|
| [Control parameters] | | |
| Chemical name | OSHA | ACGIH |
| Titanium dioxide | (TWA)15mg/m3 | (TWA)10mg/m3 |
| Ethanol | – | (TWA)1000ppm |
| 1,2-Ethanediol | – | (STEL)100mg/m3 |
| [Exposure controls] | | |
| Protective equipment | : Not required. | |
| Respiratory protection | : Not required. | |
| Hands protection | : Not required. | |
| Eye protection | : Not required. | |
| Skin protection | : Not required. | |

9. Physical and chemical properties

[Information on basic physical and chemical properties]

| | |
|--------------------------|---|
| Color | : Orange |
| State | : Liquid |
| Odor | : slight odor |
| pH | : about 8.0 |
| Boiling point | : No information available. [Water 100.0°C] |
| Melting point | : No information available. |
| Flash point | : No information available. |
| Autoignition temperature | : No information available. |
| Explosion limits | : No information available. |
| Vapor density (air=1) | : No information available. |
| Density | : about 1.2 |
| Solubility in water | : soluble |
| Evaporation rate | : No information available. |
| Volatile | : >60% |
| [Other information] | No information available. |

10. Stability and reactivity

| | |
|--------------------------------------|--|
| [Chemical stability] | This mixture is stable in normal temperature and pressure. |
| [Reactivity] | No data available. |
| [Conditions to avoid] | Avoid heat, flames, sparks and other sources of ignition. Avoid direct sunlight and high temperature. |
| [Incompatible materials] | No information available. |
| [Hazardous decomposition products] | No information available. |
| [Possibility of hazardous reactions] | No information available. |

11. Toxicological information

[Information on toxicological effects]

Acute toxicity (oral)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (skin)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity (inhalation: vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

No information available.

Serious eye damage/Eye Irritation

Titanium dioxide : Category 2B

Ethanol : Category 2A

1,2-Ethenediol : Category 2B

Respiratory sensitizer

No information available.

Skin sensitizer

No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

1-Propanol : Category2

Toxic to reproduction

2-Propanol : Category2

Ethanol : Category1A

1-Propanol : Category2

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : Category1

Ethanol : Category1

1,2-Ethanediol : Category1

Aspiration hazard

No information available.

Hazard to the Aquatic Environment (Acute)

No information available.

Hazard to the Aquatic Environment (Chronic)

No information available.

12. Ecological information

[Results of PBT and vPvB assessment]

No information available.

[Other adverse effects]

No information available.

13. Disposal considerations

[Waste treatment methods]

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]

No information available.

[HS Code]

960820

[Special precautions for user]

Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take caution against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys – Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.