Shachihata

Artline®

Xstamper

Safety Data Sheet

according to Safe Work Australia document

"Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice December 2011"

Issued Date : 19th Jul. 2013

Revised Date : 25th Apr. 2016

SECTION 1: Identification ; Chemical product and company identification

1.1. Product identifier

Product Name : Artline MultiPen EMP-1,EMP-3 Colour : (Pastel pink)

Artline MultiPen MASSIMO EMP-25T

1.2. Recommended use of the chemical and restrictions on use

Recommended use : Marker ink

1.3. Details of the supplier and manufacturer

[Australia]

Supplier

Company Name : Pelikan Artline Pty Limited

Address : 2 Coronation Ave Kings Park NSW 2148

Phone : 02 9674 0900

Fax : 02 9674 0910

URL : http://www.pelikanartline.com.au/

[Japan]

Manufacturer

Company Name : Shachihata Inc.

Address : 4-69,Amazuka-cho,Nishi-ku,Nagoya City,451-0021,Japan

Phone : +81-52-521-3600

Fax : +81-52-521-3899

Contact (e-mail) : chem-analysis@ngy.shachihata.co.jp

1.4. Emergency phone number

[Australia] 02-9674-0900 or Mobile: 0423-782-595

SECTION 2: Hazards identification

Non-Hazardous Substance , Non-Dangerous Goods.

Not classified as hazardous according to the criteria of Safe Work Australia (SWA - formerly NOHSC), and not classified as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code for Transport by Road and Rail.

2.1. Classification of the substance or mixture

2.1.1. Classification (SWA)

Physical Hazards : Not classified

Health Hazards : Not classified

Environmental Hazards : Classification not possible

2.2. Label elements

Labelling (SWA)

Hazard pictograms : none

Signal word : none

Hazard statement : none

Precautionary statement

【Prevention】

Wash hands thoroughly after handling. (P264)

【Response】

IF IN EYES : Rinse cautiously with water for several minutes. (P305+P351+P338)

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists : Get medical advice/attention. (P337+P313)

【Storage】

Store in a well-ventilated place. Keep container tightly closed. (P403+P233)

【Disposal】

Dispose of contents/container to waste in accordance with (P501)
local/regional/ national/international regulation (to be specified).

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

Ingredients :

Chemical Name / Generic name	Composition weight %	CAS Registry No.	Hazard Class (category)	Hazard statement
Ethanol	1 ~ 5	64-17-5	Flam.Liq. 2	H225
Water	45 ~ 55	7732-18-5	none	none
Synthetic resin	10 ~ 20	Confidential	none	none
Titanium dioxide	20 ~ 30	13463-67-7	none	none
Pigment	1 ~ 10	Confidential	none	none
Others	1 ~ 5	Confidential	none	none
total	100			

SECTION 4: First-aid measures

4.1. Description of first aid measures

IF INHALED : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor if symptoms persist.

IF ON SKIN : Remove/Take off immediately all contaminated clothing.Wash with soap and water. If skin irritation/rash occurs or feel unwell, consult a doctor for medical advice.

IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.Continue rinsing.If eye irritation persists, get medical advice/attention.

IF SWALLOWED : After rinse mouth immediately, give about 250 ml of water or milk and thin in the stomach, and do not vomit forcibly.Moreover, do not give anything from the mouth to the patient when not conscious.Receive the doctor's treatment (stomach pump) promptly.

SECTION 5: Firefighting-measures

5.1. Extinguishing media

Suitable extinguishing media : Dry chemical powder, foam or carbon dioxide

Unsuitable extinguishing media : Water jet

5.2. Special hazards arising from the substance or mixture

For initial stage extinction, carbon dioxide or dry chemical powder.
When a fire extends, fire is extinguished by a large amount of water spray.
Do not discharge extinguishing waters into the aquatic environment.

5.3. Advice for firefighters

In the extinction work, an appropriate protective equipment (gloves, glasses, and mask) has to be worn.
Because during a fire, hazardous gases may be generated, fire-fighters have to wear self-contained breathing apparatus and other protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe area. Shut off all sources of ignition.
No Flares, smoking or flame in area. Put on protective equipment. Ensure adequate ventilation.

6.2. Environmental precautions

Do not throw the leakage thing directly into environment

6.3. Methods and material for containment and cleaning up

In case of a small spill, remove by absorbing with absorbents (sawdust, soil, sand, waste cloth,etc.), and then wipe off the waste well with waste cloth, and rag.
In case of large spills, prevent leakage by enclosing with nonflammables (earth and sand, etc.)

and collect into empty container by scoop, suction equipment or the like.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : Use with adequate ventilation.
Avoid contact with skin, eyes and clothing.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep containers tightly closed and store in a cool and dry place.
Keep away from heat and flame,ignition source and sunlight.
Keep out of the reach of children.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters

Australian exposure standards(2013)

Ethanol	TWA	1000ppm
Titanium dioxide	TWA	10 mg/m^3

EH40/2005 Workplace exposure limits

Ethanol	TWA	1000ppm
Titanium dioxide	TWA	10 mg/m^3

ACGIH (2015)

Ethanol	STEL	1000ppm
Titanium dioxide	TWA	10 mg/m^3

8.2. Exposure controls

Personal protective equipment

Respiratory Protection : Use with local exhaust ventilation, when in long use.
Avoid breathing vapours. Wear mask to prevent organic gas, if necessary.
Hand Protection : Avoid contact with hands. Wear safety gloves, if necessary.
Eye Protection : Avoid contact with eyes. Wear safety glasses, if necessary.
Skin Protection : Avoid skin contact. Wear personal protection apron,boots, if necessary.

Environmental exposure controls

General advice : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: pink liquid
Odour	: none
pH	: No data available
Boiling point	: No data available
Flash point	: Not applicable
Relative Density (at 25 °C)	: 1.2 ~ 1.4 (g/cm^3)
Solubility in Water	: soluble

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Thermally stable at typical use temperatures.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to Avoid

High temperature, Direct sunlight, Fire

10.5. Incompatible Materials

No data available

10.6. Hazardous decomposition products

CO, CO_2

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : LD/LC50 values that are relevant for classification

[Ethyl alcohol]

Oral-rat	LD50	>5,000 mg/kg
Inhalation-rat	LC50	>20 mg/L/4h

Carcinogenicity : Titanium dioxide has been classified by the IARC as Group 2B.
Other materials ; Not contain any component that is considered a human carcinogen by IARC, ACGIH, EPA, EU or NTP .

Regarding the carcinogenicity of titanium dioxide, International Agency for Research on Cancer (IARC) has classified as a group 2B. However, ACGIH(American Conference of Governmental Industrial Hygienists) ,EPA(Environmental Protection Agency),EU (European Chemicals Agency), NTP (National Toxicology Program, USA) in the classification of suspected carcinogenic to humans has not been done.
Therefore, as the ink product we could not classify the carcinogenicity of GHS from that there is no sufficient data.

SECTION 12: Ecological information

12.1. Ecotoxicity : No data available
12.2. Persistence and degradability : No data available
12.3. Bioaccumulative potential : No data available
12.4. Mobility in soil : No data available
12.5. Other adverse effects : No data available

SECTION 13: Disposal considerations

13.1. Disposal Methods

Disposal must be made according to official regulations.
Comply with all Federal, State, and Local regulations regarding disposal.
Do not allow product to reach ground, any water course or sewage system.

SECTION 14: Transport information

14.1. UN number	ADG, IMDG, IATA	: none
14.2. UN proper shipping name	ADG, IMDG, IATA	: none
14.3. Transport hazard class(es)	ADG, IMDG, IATA	: none
14.4. Packing group	ADG, IMDG, IATA	: none
14.5. Environmental hazards	Marine pollutant	: No
14.6. Special precautions for user	EMS Number	: none
14.7. HAZCHEM Code		: none

SECTION 15: Regulatory information

This product does not contain any hazardous chemical that has been determined by Montreal Protocol (Ozone depleting substances),The Stockholm Convention (Persistent Organic Pollutants),and The Rotterdam Convention (Prior Informed Consent).

< GHS Information ; Safe Work Australia>

Substance name	:	[Ethanol]
Hazard Class & Category	:	Flammable liquids, Category 2
Symbols	:	GHS02
Signal word	:	Danger
Hazard statements	:	H225 Highly flammable liquid and vapour

SECTION 16: Other information

References

Model Code of Practice	Preparation of Safety Data Sheets for Hazardous Chemicals Labelling of Workplace Hazardous Chemicals National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011 (2003)]
GHS	Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Safe Work Australia HSIS	http://hsis.safeworkaustralia.gov.au/HazardousSubstance
WES	Workplace Exposure Standards for Airborne Contaminants (2013)
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th edition, National Transport Commission. (ADG7)

EU RoHS Directive(2011/65/EC)
ELV Directive(2000/53/EC)

This data sheet may not be enough when evaluating danger or hazard. The above information, which is created from currently available documents, information and data, may be revised when new findings announced. This document has been written on the assumption that when dealing with a large amount of ink on the business case and emergency. When handling as a normal product, please refer to the notes that is described in the produce or packaging. The information contained herein is not intended to provide any kind of warranty other than information, there is no guarantee for the accuracy of the content.