



TEST REPORT

LAB LOCATION: SHANG HAI
REPORT NUMBER: 64415-01232

ISSUE DATE: Jul 03, 2015
PAGE: 1 of 8

Applicant : Royal Brush Manufacturing, Inc
515 West 45th Street, Munster, Indiana 46321

Contact Person : Michael

Sample Description : 18Color watercolor paint

Date of Submission : Jun 29, 2015

Test Performance Dates : Jun 29, 2015 – Jul 03, 2015

Photo of Submitted Sample



TEST RESULT SUMMARY

Test Requested	Results
MATERIAL SAFETY DATA SHEET(US)	PASS

For and on behalf of
Modern Testing Services Co., Ltd.

Zhang, Xiu Jie Eddie
Deputy Regional Director,
Analytical Division

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No. 105 Guangzhong Rd., Zhuangqiao Town, Minhang, Shanghai, China P.R.C.201108
Tel: (86) 21-23509600 Fax: (86) 21-23509700 Email: info@mts-global.com Website : www.mts-global.com

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TEST REPORT

LAB LOCATION: SHANG HAI
REPORT NUMBER: 64415-01232

ISSUE DATE: Jul 03, 2015
PAGE: 2 of 8

TEST RESULT

MATERIAL SAFETY DATA SHEET

Please refer to the report issued by certified toxicologist from Jongsei Park, Ph.D. which dated on Jul 03, 2015 with report number 64415-01232

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TEST REPORT

LAB LOCATION: SHANG HAI
REPORT NUMBER: 64415-01232

ISSUE DATE: Jul 03, 2015
PAGE: 3 of 8

TEST RESULT



64415-01232

SAFETY DATA SHEET

In accordance with Occupational Safety and Health Act (1970)
Hazard Communication Standard 2012 (29 CFR 1910-1200) (HazCom 2012)

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers:

Product Name: 18 COLOR WATERCOLOR PAINT
Brand: Royal Brush Manufacturing, Inc.
CAS-No.: Not Applicable

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses: Stationary, Art Material

1.3 Details of the supplier of the safety data sheet

Company: Modern Testing Services, LLC
244 Liberty Street
Brockton, MA 02301
USA

Telephone: 1-508-638-1793
Fax: 1-508-638-1759

1.4 Emergency contact

Company: Royal Brush Manufacturing, Inc.
515 West 45th Street
Munster, IN 46321
USA

Email: michael@royalbrush.com

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity: Not Classified
Skin irritation: Not Classified
Eye irritation: Not Classified
Respiratory sensitization: Not Classified
Skin sensitization: Not Classified
Specific target organ toxicity: Not Classified

2.2 GHS Label elements, including precautionary statements

Pictogram: Not Needed

Signal Word: Not Needed

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TEST REPORT

LAB LOCATION: SHANG HAI
REPORT NUMBER: 64415-01232

ISSUE DATE: Jul 03, 2015
PAGE: 4 of 8

TEST RESULT

- 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS**
None.

SECTION 3 – COMPOSITION ON INGREDIENTS

- 3.1 Hazardous components:** None
No components need to be disclosed according to the applicable regulations.

SECTION 4 – FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

Not probable

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5 – FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides (NOx)

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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TEST REPORT

LAB LOCATION: SHANG HAI
REPORT NUMBER: 64415-01232

ISSUE DATE: Jul 03, 2015
PAGE: 5 of 8

TEST RESULT

- 6.3 Methods and materials for containment and cleaning up**
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
- 6.4 Reference to other sections**
For disposal see section 13.

SECTION 7 – HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
For precautions see section 2.2.
- 7.2 Conditions for safe storage, including any incompatibilities**
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Moisture sensitive.
Storage class (TRGS 510): Non-combustible, acute toxic Cat. 1 and 2 / very toxic hazardous materials
- 7.3 Specific end use(s)**
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters:** None
- 8.2 Exposure controls**
Appropriate engineering controls
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.
- Personal protective equipment**
No particular equipment needed

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on basic physical and chemical properties**
- | | |
|---|-------------------|
| a) Appearance | Gel type |
| b) Odour | Odourless |
| c) Odour Threshold | No data available |
| d) pH | No data available |
| e) Melting point/freezing | No data available |
| f) Initial boiling point and boiling range | No data available |
| g) Flash point | No data available |
| h) Evaporation rate | No data available |
| i) Flammability (solid/gas) | No data available |
| j) Upper/lower flammability or explosive limits | No data available |
| k) Vapour pressure | No data available |
| l) Vapour density | No data available |
| m) Relative density | No data available |
| n) Water solubility | Insoluble |
| o) Partition coefficient: n-octanol/water | No data available |

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TEST REPORT

LAB LOCATION: SHANG HAI
REPORT NUMBER: 64415-01232

ISSUE DATE: Jul 03, 2015
PAGE: 6 of 8

TEST RESULT

p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

9.2 Other safety information No data available

SECTION 10 – STABILITY AND REACTIVITY

- 10.1 Precautions for safe handling**
No data available
- 10.2 Chemical stability**
Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions**
No data available
- 10.4 Conditions to avoid**
Heat
- 10.5 Incompatible materials**
Amines, Strong bases, Alcohols, Heavy metals
- 10.6 Hazardous decomposition products**
Other decomposition products - No data available
In the event of fire: see section 5

SECTION 11 – TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects**
- Acute toxicity**
No data available
- Skin corrosion/irritation**
No data available
- Serious eye damage/eye irritation**
No data available
- Respiratory or skin sensitisation**
No data available
- Germ cell mutagenicity**
No data available
- Reproductive toxicity**
No data available
- Specific target organ toxicity-single exposure**
No data available
- Specific target organ toxicity-repeated exposure**
No data available

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REPORT NUMBER: 64415-01232

ISSUE DATE: Jul 03, 2015
PAGE: 7 of 8

TEST RESULT

Aspiration hazard
No data available

Additional information
None

SECTION 12 – ECOLOGICAL INFORMATION

12.1 Toxicity
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 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

SECTION 14 – TRANSPORT INFORMATION

DOT (US)
Not regulated

IMDG
Not regulated

IATA
Not regulated

SECTION 15 – REGULATORY INFORMATION

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.



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REPORT NUMBER: 64415-01232

ISSUE DATE: Jul 03, 2015
PAGE: 8 of 8

TEST RESULT

SECTION 16 – OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3

Acute Tox.	Acute toxicity
Eye Irrit.	Eye irritation
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
Resp. Sens.	Respiratory sensitization
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitisation

HMIS Rating

Health hazard:	0
Chronic health hazard:	*
Flammability:	0
Physical hazard:	0

NFPA Rating

Health hazard:	0
Fire hazard:	0
Reactivity hazard:	0

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MTS-US LLC and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

*****End of Test Report*****

NOTE:

If there is question or concern regarding the above results, please contact us via email iyang@mts-global.com

The testing lab overall rating is provided to client as an aid in reviewing report data. The rating is based on lab results. Final product acceptance or rejection is per client only. Testing of vendor's merchandise by client is not a substitute for vendor's own testing and other quality assurance related obligations in connection with its sale of merchandise to client. Client testing shall not limit client's rights, or diminish or remove any of vendor's responsibilities.

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