



SDS Report

No. SHAHG1602867401

Date: Mar. 11, 2016

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**Marabu GmbH & Co. KG
Fritz-Lieken-Strasse 7-9;74321 Bietigheim-Bissingen,Germany**

SGS Ref. No. : SHHL1602007502SD-SH
Sample Name : Art Crayon (cherry red)
End Uses : Painting
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Feb 23, 2016
Last Information Date : Feb 25, 2016
SDS Preparation Period : Feb 23 ~ Mar 02, 2016

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Wei WANG, Terry
Approved Signatory



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Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86) 755 8107 1443 or email: CN.Shanghai@sgs.com

Safety Data Sheet
29 CFR 1910.1200

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Printing date 03/08/2016

Reviewed on 02/26/2016

1 Identification

- **Product identifier**
- **Trade name: Art Crayon (cherry red)**
- **Recommended use of the chemical and restrictions on use**
- **Application of the substance / the preparation: Painting**
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Marabu GmbH & Co. KG
Fritz-Lieken-Strasse 7-9; 74321 Bietigheim-Bissingen, Germany
Tel: 0049 7141 691540
E-mail: Breining, Nina [bre@marabu.com]
- **Other US contact point:**
Marabu North America
2460 Remount Rd, North Charleston, SC 29406, USA
Tel: +1 843-886-0094
E-mail: creative@marabu.com
- **Further information obtainable from: Marabu GmbH & Co. KG**
- **Emergency telephone number:**
Poison Center
Tel: +1 800 222 1222
- **Reference Number: SHHL1602007502SD-SH; SHAHG1602867401**

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified according to OSHA Hazard Communication Standard (29 CFR 1910.1200)
- **Information concerning particular hazards for human and environment:**
The product has not to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **Label elements**
- **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- **Hazard pictograms Not applicable**
- **Signal word Not applicable**
- **Hazard-determining components of labeling: Not applicable**
- **Hazard statements Not applicable**
- **Precautionary statements Not applicable**
- **Hazards not otherwise classified (HNOC) No further relevant information available.**

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description: Mixture of the substances listed below with nonhazardous additions.**

• Composition:		
57-11-4	Stearic acid	38.5%
7732-18-5	water	35.0%
57-55-6	propane-1,2-diol	13.5%
5160-02-1	barium bis[2-chloro-5-[(2-hydroxy-1-naphthyl)azo]toluene-4-sulphonate]	5.0%
56-81-5	glycerol	5.0%
13463-67-7	titanium dioxide	3.0%

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- **Remark:**
barium bis[2-chloro-5-[(2-hydroxy-1-naphthyl)azo]toluene-4-sulphonate] (CAS No.5160-02-1)
- **Synonym:** Pigment red 53:1

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Never give anything by mouth to an unconscious person.
Seek medical treatment.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Special protective equipment and precautions for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Avoid formation of dust.
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid contact with eyes.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Pick up mechanically.
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Keep away from heat and direct sunlight.
Prevent formation of dust.
Avoid contact with eyes.
For the general occupational hygienic measures refer to section 8.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.

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- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store only in the original receptacle.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

- **Components with limit values that require monitoring at the workplace:**

57-55-6 propane-1,2-diol (13.5%)

WEEL (America) Long-term value: 10 mg/m³

56-81-5 glycerol (5.0%)

PEL (America) Long-term value: 15* 5** mg/m³

mist: *total dust **respirable fraction

TLV (America) TLV withdrawn-insufficient data human occup. exp.

13463-67-7 titanium dioxide (3.0%)

PEL (America) Long-term value: 15* mg/m³

*total dust

REL (America) See Pocket Guide App. A

TLV (America) Long-term value: 10 mg/m³
withdrawn from NIC

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure:**
- **Appropriate engineering controls:** See Section 7 for information about design of technical facilities.
- **Personal protective equipment:**
- **Breathing equipment:** Suitable respiratory protective device recommended.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

· General Information

· Appearance:

Form:	Solid
Color:	Cherry red
Odor:	Odorless
Odor threshold:	Not available

· pH-value: Not available

· Change in condition

Melting point/Melting range:	Not available.
Freezing point:	Not available
Boiling point/Boiling range:	Not available

· Flash point: Not available

· Flammability (solid, gaseous): Not available.

· Auto-Ignition temperature: Not available

· Decomposition temperature: Not available

· Explosion limits:

Lower:	Not available.
Upper:	Not available.

· Vapor pressure: Not available

· Density: Not available.

· Relative density: Not available.

· Vapor density: Not available

· Evaporation rate: Not available

· Solubility in / Miscibility with Water: Not available

· Partition coefficient (n-octanol/water): Not available

· Viscosity:

Dynamic:	Not available
Kinematic:	Not available

· Other information: No further relevant information available.

10 Stability and reactivity

- Reactivity No decomposition if used according to specification.
- Chemical stability Stable under recommended storage conditions.
- Possibility of hazardous reactions No dangerous reactions known.
- Conditions to avoid No further relevant information available.
- Incompatible materials: No further relevant information available.

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· **Hazardous decomposition products:** No dangerous decomposition products known.**11 Toxicological information**· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:****57-11-4 Stearic acid**

Dermal	LD50	>5000 mg/kg (rabbit)
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13463-67-7 titanium dioxide

Oral	LD50	>20000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.82 mg/l (rat)

57-55-6 propane-1,2-diol

Oral	LD50	22000 mg/kg (mouse) 20000 mg/kg (rat) 18500 mg/kg (rabbit)
Dermal	LD50	20800 mg/kg (rabbit)

56-81-5 glycerol

Oral	LD50	4090 mg/kg (mouse) 12600 mg/kg (rat) 27000 mg/kg (rabbit)
Dermal	LD50	>10000 mg/kg (rabbit)

· **Primary irritant effect:**· **Skin corrosion/irritation:** Irritating effect possible.· **Serious eye damage/irritation:** Irritating effect possible.· **Respiratory or skin sensitisation:** Sensitization possible.· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

5160-02-1	barium bis[2-chloro-5-[(2-hydroxy-1-naphthyl)azo]toluene-4-sulphonate]	3
13463-67-7	titanium dioxide	2B

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information· **Toxicity**· **Aquatic toxicity:** No further relevant information available.· **Persistence and degradability** No further relevant information available.· **Bioaccumulative potential** No further relevant information available.· **Mobility in soil** No further relevant information available.

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· Other adverse effects No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation: Smaller quantities can be disposed of with household waste.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

14 Transport information

- | | |
|---|--|
| · UN-Number | Not applicable |
| · DOT, IMDG, IATA | Not applicable |
| · UN proper shipping name | Not applicable |
| · DOT, IMDG, IATA | Not applicable |
| · Transport hazard class(es) | Not applicable |
| · DOT, IMDG, IATA | Not applicable |
| · Class | Not applicable |
| · Packing group | Not applicable |
| · DOT, IMDG, IATA | Not applicable |
| · Environmental hazards | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | - |

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

· Section 355 (extremely hazardous substances):

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Proposition 65

· Chemicals known to cause cancer:

5160-02-1 barium bis[2-chloro-5-[(2-hydroxy-1-naphthyl)azo]toluene-4-sulphonate]

13463-67-7 titanium dioxide

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

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· Chemicals known to cause developmental toxicity:		
None of the ingredients is listed.		
· Carcinogenicity categories		
· EPA (Environmental Protection Agency)		
None of the ingredients is listed.		
· TLV (Threshold Limit Value established by ACGIH)		
13463-67-7	titanium dioxide	A4
· NIOSH-Ca (National Institute for Occupational Safety and Health)		
13463-67-7	titanium dioxide	

16 Other information

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

· **Date of preparation / last revision 03/08/2016 / -**

· **Abbreviations and acronyms:**

- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- ACGIH: American Conference of Governmental Industrial Hygienists
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- NIOSH: National Institute for Occupational Safety
- OSHA: Occupational Safety & Health

· *****
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