



SDS Report

No. SHAHG1913322106

Date: Jun. 29, 2019

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NO.11, QIULING ROAD, ECONOMIC DEVELOPING AREA, LANXI, ZHEJIANG, CHINA

SGS Ref. No. : SHHL1906034047SD-SH

Sample Name : Water color (semi-moist)

End Uses : Drawing

Composition/Ingredient of sample : See section 3 Composition/information on ingredients on the SDS report

Job Receiving Date : Jun 20, 2019

Last Information Date : Jun 21, 2019

SDS Preparation Period : Jun 20 ~ Jun 24, 2019

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) 8307 1443, or email: CN.Doccheck@sgs.com

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Safety Data Sheet

29 CFR 1910.1200

Printing date 06/24/2019

Reviewed on 06/22/2019

1 Identification

- Product identifier
- Trade name: Water color (*semi-moist*)
- Recommended use of the chemical and restrictions on use
- Application of the substance / the preparation: Drawing
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:

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- Other US contact point: Not available
- Further information obtainable from:
- Emergency telephone number:

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.
For the wording of the listed hazard statements refer to section 16.

· Composition:		
7732-18-5	water	64.3%
9000-01-5	gum acacia	15.0%
1332-58-7	kaolin	10.0%
6363-53-7	maltose monohydrate	8.0%

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76-3 methyl 4-hydroxybenzoate	0.2%	
 Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335		
7023-61-2 pigment red. *blue (147-48-8), yellow (2512-29-0), black (1333-86-4), white (13463-67-7)	2.5%	

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:
 - CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- 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
 - Use respiratory protective device against the effects of fumes/dust/aerosol.
 - Avoid contact with eyes. Avoid contact with skin.
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:
 - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 - Dispose contaminated material as waste according to item 13.

7 Precautions for safe handling:

- Ensure good ventilation/exhaustion at the workplace.
- Keep receptacles tightly sealed.
- Keep away from heat and direct sunlight.
- Prevent formation of aerosols. Avoid contact with skin and eyes.

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Trade name: Water color (*semi-moist*)

(Contd. of page 2) For

the general occupational hygienic measures refer to section 8.

- Information about protection against explosions and fires: Normal measures for preventive fire protection.
- 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.
- 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:

471-34-1 calcium carbonate (10.0%)

PEL (America) Long-term value: 15* 5** mg/m³
*total dust **respirable fraction

REL (America) Long-term value: 10* 5** mg/m³
*total dust **respirable fraction

TLV (America) TLV withdrawn

13463-67-7 titanium dioxide (6.0%)

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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Trade name: Water color (*semi-moist*)

(Contd. of page 3) · Eye

protection:



Tightly sealed goggles

9 Physical and chemical properties

· General Information	
· Appearance:	
Form:	Paste
Color:	Assorted colors
· 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:	
Lower:	Not available.
Upper:	Not available.
· Explosion limits:	
· 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:

471-34-1 calcium carbonate

Oral LD50 6450 mg/kg (rat)

99-76-3 methyl 4-hydroxybenzoate

Oral LD50 > 8000 mg/kg (mouse)
6000 mg/kg (rabbit)

94-13-3 propyl 4-hydroxybenzoate

Oral LD50 6332 mg/kg (mouse)

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)

· 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)

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.

· Other adverse effects No further relevant information available.

13 Disposal considerations

· Waste treatment methods

· Recommendation: Smaller quantities can be disposed of with household waste.

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- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

14 Transport information

- | | |
|---|--|
| · UN-Number | |
| · DOT, IMDG, IATA | Not applicable |
| · UN proper shipping name | |
| · DOT, IMDG, IATA | Not applicable |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | |
| · Class | Not applicable |
| · Packing group | |
| · 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:

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.

- Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

- Cancerogenity categories

- EPA (Environmental Protection Agency)

None of the ingredients is listed.

- TLV (Threshold Limit Value established by ACGIH)

13463-67-7 titanium dioxide

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· NIOSH-Ca (National Institute for Occupational Safety and Health)

13463-67-7 titanium dioxide

16 Other information

· Relevant hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation. H335 May cause
respiratory irritation.

· *****

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 06/24/2019 / -

· 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

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· *****

End of document

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