

Silica

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 05/14/2020
Supersedes: 03/15/2016

1 PRODUCT & COMPANY IDENTIFICATION

| | | | |
|----------------------|-------------------|------------------------------------|---|
| Product Name: | Silica | Distributor: | MakingCosmetics Inc. |
| Synonyms: | No data available | Address: | 10800 231 st Way NE Redmond, WA 98053 (USA) |
| INCI Name: | Silica | Phone / Fax: | 425-292-9502 / 425-292-9601 |
| CAS Number: | 7631-86-9 | Web: | www.makingcosmetics.com |
| Formula: | O ₂ Si | | |
| Product Form: | Powder | | |
| Product Use: | Cosmetic use | Emergency Telephone Number: | 1-800-424-9300 (Chemtrec) |

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified
GHS Labeling: Not a dangerous substance according to GHS
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements: None
Potential Health Hazards: Eyes: Direct contact with eyes may cause temporary irritation.
 Inhalation: Not expected to be irritant.
 Skin: Not expected to be irritant.
 Ingestion: Expected to be low ingestion hazard.

NFPA Ratings (704):

| | | |
|-----------------|-----|----------|
| Health | 2 | Moderate |
| Flammability | 0 | Minimal |
| Reactivity | 0 | Minimal |
| Specific Hazard | N/A | |

3 COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS No.</u> | <u>Weight %</u> | <u>Molecular Weight</u> |
|------------------|----------------|-----------------|-------------------------|
| Silica | 7631-86-9 | 100% | 60.09 g/mol |

4 FIRST AID MEASURES

Eyes: In case of eye contact, rinse with water. Get medical attention irritation develops or persists.
Inhalation: Remove victim to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
Skin: Wash off with soap and water. Get medical attention if irritation develops or persists.
Ingestion: If swallowed, rinse mouth. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
Special protective equipment & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points: No data available
Specific hazards arising from the chemical: None known. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective Do not try to clean up the leak without proper protective equipment. See section 8 for

equipment & emergency procedures: recommendations on the use of personal protective equipment.
Environmental precautions: Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
Methods and material for containment and cleaning up: This product is immiscible with water and will spread on the water surface. Stop the flow of material, if this is without risk. Following product recovery, flush area with water. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities: Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| <u>Component</u> | <u>Exposure Limits</u> | <u>Basis</u> | <u>Entity</u> |
|------------------|------------------------|--------------|---------------|
| Silica | 6 mg/m ³ | TWA | NIOSH |

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Wear safety glasses with side shields (or goggles).
Inhalation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matches to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits, if exposure limits have not been established, maintain airborne levels to an acceptable level. In case of insufficient ventilation, wear suitable respiratory equipment.
Body: Wear suitable protective clothing. Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Other: Use good personal hygiene practices, such as washing after handling the material, and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

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|---|-------------------|--------------------------------------|---|
| Appearance: | White solid | Vapor Pressure: | <0.0000001 kPa @ 25° 1.33 kPa @ 1732°C |
| Odor: | Odorless | Vapor Density: | No data available |
| Odor Threshold: | No data available | Evaporation Rate: | No data available |
| Color: | White | Flammability: | No data available |
| Molecular Weight: | No data available | Upper/lower Explosive Limit: | No data available |
| pH: | No data available | Flash Point: | No data available |
| Boiling Point: | No data available | Specific Gravity: | 0.12 |
| Melting Point: | 3110°F (1710°C) | Solubility in Water: | Insoluble |
| Relative Density: | 1.00 lbs/gal | Auto-Ignition Temperature: | No data available |
| Partition Coefficient: n-octanol/water: | No data available | Decomposition Temperature: | No data available |
| Viscosity: | No data available | Explosive Properties: | Not explosive |
| Oxidizing Properties: | Not oxidizing | Freezing Point: | 3110°F (1710°C) |
| Initial Boiling Point & Boiling Range: | 4046°F (2230°C) | Heat of Combustion (NFPA 30B) | 0 kJ/g |

10 STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use, storage, and transport.
Chemical Stability: Material is stable under normal conditions.

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| Hazardous Polymerization: | No dangerous reaction known under conditions of normal use. |
| Conditions to Avoid: | Contact with incompatible materials. |
| Incompatible Materials: | Fluorine. Chlorine. |
| Hazardous Decomposition Products: | No hazardous decomposition products are known. |

11 TOXICOLOGICAL INFORMATION

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| Acute Toxicity: | No data available |
| Skin: | No adverse effects due to skin contact are expected. |
| Eyes: | Direct contact with eyes may cause temporary irritation. |
| Respiratory: | No adverse effects due to inhalation are expected. Not an aspiration hazard. |
| Ingestion: | Expected to be low ingestion hazard. |
| Carcinogenicity: | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. |
| Teratogenicity: | No data available |
| Germ Cell Mutagenicity: | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic |
| Embryotoxicity: | No data available |
| Specific Target Organ Toxicity: | Not classified |
| Reproductive Toxicity: | This product is not expected to cause reproductive or developmental effects. |
| Respiratory/Skin Sensitization: | This product is not expected to cause skin sensitization. This product is not a respiratory sensitizer. |
| Corrosivity: | Prolonged skin contact may cause temporary irritation. |
| Sensitization: | No data available |
| Irritation: | No data available |
| Repeated Dose Toxicity: | Not classified |

12 ECOLOGICAL INFORMATION

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| Ecotoxicity | This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect to the environment. |
| Aquatic Vertebrate: | No data available |
| Aquatic Invertebrate: | No data available |
| Terrestrial: | No data available |
| Persistence and Degradability: | No data available |
| Bioaccumulative Potential: | No data available |
| Mobility in Soil: | No data available |
| PBT and vPvB Assessment: | No data available |
| Other Adverse Effects: | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

13 DISPOSAL CONSIDERATIONS

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| Waste Residues: | Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container. |
| Product Containers: | Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container. |

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

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| DOT (Dept. of Transportation, USA): | Not regulated as a dangerous goods. DOT information on packaging may be different from that listed. |
| TDG (Transportation of Dangerous Goods, Canada): | No data available |
| IMDG (International Maritime Dangerous Goods): | Not regulated as a dangerous goods. |
| IATA (International Air Transport Association): | No data available |
| ICAO (International Civil Aviation Organization): | No data available |

15 REGULATORY INFORMATION

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| TSCA Inventory Status: | On inventory |
| DSCL (EEC): | No data available |
| WHMIS (Canada): | No data available |
| NDSL/DSL (Canada): | On DSL inventory |
| EU EINECS/ELINCS/NLP: | On EINECS inventory |
| China IECSC: | On inventory |
| China IECIC (06.30.2014): | No data available |
| Australia AICS: | On inventory |
| US Federal Regulations: | This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. |
| ENCS (Japan): | On inventory |
| ECL (Korea): | On inventory |
| PICCS (Philippines): | On inventory |
| New Zealand Inventory: | On inventory |
| CERCLA (40 CFR 302.4): | Not listed |
| SARA 304: | Not regulated |
| OSHA (29 CFR 1910.1001-1050): | Not listed |
| SARA: | Not listed as Immediate Hazard, Delayed Hazard, Fire Hazard, Pressure Hazard, or Reactivity Hazard. |
| SARA 302: | Not listed |
| SARA 311/312: | Listed |
| SARA 313: | Not regulated |
| Clean Air Act (CAA) HAPs: | Not regulated by CAA Section 112 Hazardous Air Pollutants (HAPs) List |
| Clean Air Act (CAA) (40 CFR 68.130): | Not regulated by CAA Section 112(r) Accidental Release Prevention (40 CFR 68.130) |
| Safe Water Drinking Act: | Not regulated |
| US California Health and Safety Code Section 11100: | Not listed |
| US Massachusetts RTK: | Silica (CAS 7631-86-9) |
| US New Jersey Worker and Community RTK: | Not listed |
| US Pennsylvania Worker and Community RTK: | Silica (CAS 7631-86-9) |
| US Rhode Island RTK: | Not regulated |
| California Prop. 65: | This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. |

16 OTHER INFORMATION

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| Revision Date: | 05/14/2020 |
| Compliance: | This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 |
| Disclaimer: | This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use. |