

Silicone Resin

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


Revision Date: 02/28/2020
Supersedes: 10/25/2015

1 PRODUCT & COMPANY IDENTIFICATION

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|---|--|
| Product Name: Silicone Resin | Distributor: MakingCosmetics.com Inc. |
| Synonyms: | Address: 10800 231 st Way NE |
| INCI Name: Trimethylsiloxy silicate, polypropyl silsesquioxane | Redmond, WA 98053 (USA) |
| CAS Number: 56275-01-5, 115341-02-1 | Phone / Fax: 425-292-9502 / 425-292-9601 |
| Formula: No data available | Web: www.makingcosmetics.com |
| Product Form: White to off-white flakes | |
| Product Use: Cosmetic use | Emergency Telephone Number: 1-800-424-9300 (Chemtrec) |

2 HAZARDS IDENTIFICATION

GHS Classification: Combustible dust
GHS Signal Word: WARNING

GHS Hazard Pictograms: 

GHS Hazard Statements: H227: May form combustible dust concentrations in air
GHS Precautionary Statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Potential Health Hazards: Eyes: No data available.
 Inhalation: No data available.
 Skin: No data available.
 Ingestion: No data available.

NFPA Ratings (704):

| | | |
|-----------------|-----|---------|
| Health | 0 | Minimal |
| Flammability | 1 | Slight |
| 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> |
|---------------------------|----------------|-------------------|-------------------------|
| Trimethylsiloxy silicate | 56275-01-5 | No data available | No data available |
| Polypropyl silsesquioxane | 115341-02-1 | No data available | No data available |

4 FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water for at least 15 minutes and seek medical attention if necessary
Inhalation: Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
Skin: Flush with plenty of water and wash using soap.
Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.

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: Not available
Specific hazards arising from the chemical: Thermal decomposition or burning may produce Carbon dioxide. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment & emergency procedures: | See section 8 for recommendations on the use of personal protective equipment. |
| Environmental precautions: | Refer to protective measures in Sec 7 & 8 |
| Methods and material for containment and cleaning up: | Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations. |

7 HANDLING & STORAGE

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| Precautions for safe handling: | Static electricity may accumulate and ignite suspended dust causing an explosion. Use only with adequate ventilation. Do not breath dust. |
| 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> |
|---------------------------|------------------------|--------------|---------------|
| Trimethylsiloxy silicate | No data available | | |
| Polypropyl silsesquioxane | No data available | | |

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:

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| Eyes: | Chemical safety glasses with side shields should be worn. |
| Inhalation: | Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge. |
| Body: | Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimalized. No precautions other than clean body-covering clothing should be needed. |
| Other: | Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling |

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------------------------------------|--------------------|-------------------------------------|---|
| Appearance, Physical State: | White flakes | Vapor Pressure: | Not available |
| Odor: | Slight | Vapor Density: | Not available |
| Taste: | Not available | Viscosity: | Not available |
| Color: | White to off-white | Flammability: | Not classified as flammability hazard |
| Molecular Weight: | Not available | Upper/lower Explosive Limit: | Not available |
| pH (10% sol. @ 25 °C) | Not available | Relative Density: | 0.57 |
| Boiling Point: | Not available | Bulk Density: | Not available |
| Melting Point: | Not available | Solubility: | Insoluble in water |
| Particle Size: | 75 µm | Oxidizing Properties: | The substance or mixture is not classified as oxidizing |
| Explosive Properties: | Not explosive | | |

10 STABILITY AND REACTIVITY

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|----------------------------------|--|
| Reactivity: | Not classified as a reactivity hazard |
| Chemical Stability: | Stable under normal conditions |
| Hazardous Polymerization: | Can react with strong oxidizing agents. Dust can form an explosive mixture in air. |

Conditions to Avoid: Dust can form an explosive mixture in air. Can react with strong oxidizing agents
Incompatible Materials: Oxidizing agents
Hazardous Decomposition Products: Decomposition products can include and are not limited to: Formaldehyde

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Not available
Skin: Prolonged skin contact is unlikely to result in absorption of harmful amounts.
 LD50: >5000 mg/kg
Eyes: Essentially non-irritating to eyes.
Respiratory: Brief exposure (minutes) is not likely to cause adverse effects. May cause respiratory tract irritation.
Ingestion: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.
 LD50: >5000 mg/kg
Carcinogenicity: Not available
Teratogenicity: Contains component(s) which did not cause birth defects or any other fetal effects.
Germ Cell Mutagenicity: In vitro genetic toxicity studies were negative for component(s) tested.
Embryotoxicity: Not available
Specific Target Organ Toxicity: Based on available data, repeated exposures are not anticipated to cause significant adverse effects.
Reproductive Toxicity: Contains component(s) which did not interfere with reproduction.
Respiratory/Skin Sensitization: Prolonged contact is essentially non-irritating to skin.

12 ECOLOGICAL INFORMATION

Ecotoxicity: Not available
Persistence and Degradability: Not available
Bioaccumulative Potential: Not available
Mobility in Soil: Not available
PBT and vPvB Assessment: Not available
Other Adverse Effects: Not available

13 DISPOSAL CONSIDERATIONS

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

DOT (Dept. of Transportation, USA): Not regulated
TDG (Transportation of Dangerous Goods, Canada): Not regulated
IMDG (International Maritime Dangerous Goods): No data available
IATA (International Air Transport Association): Not regulated
ICAO (International Civil Aviation Organization): Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status: All components of this product are in compliance with the inventory listing requirements of the US Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
DSL/NDSL: All components are listed either on the DSL or NDSL
WHMIS (Canada): Not hazardous
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312: Combustible dust.
California Prop. 65: This product contains a chemical that is at or below California Prop. 65s "safe harbor level" as determined via a risk assessment. Therefore, the chemical is not required to be listed as a Prop. 65

chemical on the SDS or label.

16 OTHER INFORMATION

Revision Date: 02/28/2020

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.