

Polymethylsilsesquioxane

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

Date: 02-14-2018

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Polymethylsilsesquioxane	Distributor:	MakingCosmetics.com Inc.
Synonyms:		Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Polymethylsilsesquioxane	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	68554-70-1	Web:	www.makingcosmetics.com
Formula:	CH ₃ Si(0) ₃ /2		
Product Form:	Powder		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Health, Acute toxicity, 5 Inhalation												
GHS Labeling:	Warning												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	May be harmful if inhaled												
GHS Precautionary Statements:	P284-Wear respiratory protection												
Potential Health Hazards:	Eyes: None known Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided. Prolonged inhalation may cause respiratory irritation. Skin: None known. Ingestion: None known												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Flammability</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> <td></td> </tr> </table>	Health	0	Minimal	Flammability	0	Minimal	Reactivity	0	Minimal	Specific Hazard	n/a	
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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>
Polymethylsilsesquioxane	68554-70-1	100%	Not available

4 FIRST AID MEASURES

Eyes:	Fluch eyes with water for at least 15 minutes. Consult physician if irritation persists.
Inhalation:	Remove victim to fresh air. Seek medical attention if respiratory irritation occurs.
Skin:	Wash affected areas with soap and water. Consult physician if irritation persists.
Ingestion:	Call a physician immediately. Do not induce vomiting without medical advice.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Water, CO ₂ , dry chemical, foam
Special protective equipment & precautions for firefighters:	Use self-contained breathing apparatus, due to possible generation of toxic fumes.
Specific hazards arising from the chemical:	None known.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Not available

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

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 incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>
Polymethylsilsequioxane	Not available

Personal Protection:

Eyes:	Not required, but wear chemical safety glasses or goggles.
Inhalation:	Not needed under normal conditions of use.
Body:	Slip proof shoes may be worn where spills may occur
Other:	Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White powder	VOC:	Not VOC
Odor:	typical	Bulk Density:	7.54 g/cm ³ , 0.46 g/in ³
Taste:	Not available	Iodine Value:	Not available
Color:	White	Flammability:	Not available
Molecular Weight:	Infinite as solid	Peroxide Value:	Not available
pH	6-8 (2% 1:1 water:methanol disper)	Solubility:	Insoluble powder
Particle size:	Typical 4-6 um, no nono material	Specific Gravity:	See Bulk density
Molecular Formula:	CH ₃ Si(O) _{3/2}	Percent Volatile:	<1%

10 STABILITY AND REACTIVITY

Reactivity:	Product is stable
Chemical Stability:	Product is stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Avoid combustion sources when dust is present. Use with adequate ventilation.
Incompatible Materials:	No known
Hazardous Decomposition Products:	Possible oxides of and carbon
Special Remarks:	None

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	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):	Not regulated
IATA (International Air Transport Association):	Not regulated
ICAO (International Civil Aviation Organization):	Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status:	Commercial use of this product is limited to applications not regulated by TSCA. One or more components in this product may not be listed on the Toxic Substances Control Act inventory of chemical substances. Use of this product in TSCA applications is for Research and Development purposes only.
DSCL (EEC):	This product is not classified according to the EU regulations.
WHMIS (Canada):	Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

Revision Date:	02-14-2018
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.