

Silica Dimethyl Silylate

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

Revision Date: 07-Jan-2022
Supersedes: 17-Nov-2017

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Silica Dimethyl Silylate
Synonyms: No data available
INCI Name: Silica dimethyl silylate
CAS Number: 68611-44-9
Formula: No data available
Product Form: Solid (powder)
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com

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: Not expected to be irritant.
Inhalation: Not expected to be irritant.
Skin: Not expected to be irritant.
Ingestion: Not expected to be irritant.

NFPA Ratings (704):

Health	0	Minimal
Flammability	0	Minimal
Reactivity	0	Minimal
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Silica Dimethyl Silylate	68611-44-9	Not Available	Not Available

4 FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water. 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: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention if necessary.
Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if necessary. If conscious, wash out mouth with water.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (CO₂, powder or water spray) for adjacent fire. Do not use direct water jet. Fight larger fires with water spray or alcohol resistant foam.
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: May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:
Environmental precautions:

Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
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.

Methods and material for containment and cleaning up:

7 HANDLING & STORAGE

Precautions for safe handling:

Open and handle receptacle with care. Wear suitable respiratory protective device when decanting larger quantities without extractor facilities. Ensure good ventilation/exhaustion at the workplace. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use. Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

Conditions for safe storage, incl. any incompatibilities:

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Silica Dimethyl Silylate	Not 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:

Eyes: Wear chemical safety glasses or goggles.
Inhalation: Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.
Body: Wear nitrile or rubber gloves, apron or lab coat.
Other: Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder	Vapor Pressure:	Not applicable
Odor:	No data available	Vapor Density:	Not applicable
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White	Flammability:	Not flammable
Molecular Weight:	Not applicable	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	Not applicable
Boiling Point:	No data available	Specific Gravity:	No data available
Melting Point:	>1700°C	Solubility in Water:	Insoluble
Relative Density:	Not applicable	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:	No data available	Freezing Point:	No data available

10 STABILITY AND REACTIVITY

Reactivity: Product is stable.
Chemical Stability: Product is stable.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: No data available
Incompatible Materials: No data available

Hazardous Decomposition Products: No data available

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD50: >5000 mg/kg LC50: Not available
Skin:	No data available
Eyes:	No data available
Respiratory:	No data available
Ingestion:	No data available
Carcinogenicity:	No data available
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	No data available
Irritation:	No data available
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
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 data 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):	No data available
TDG (Transportation of Dangerous Goods, Canada):	No data available
IMDG (International Maritime Dangerous Goods):	No data available
IATA (International Air Transport Association):	No data available
ICAO (International Civil Aviation Organization):	No data available

15 REGULATORY INFORMATION

TSCA Inventory Status:	All ingredients are listed on the TSCA inventory
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
DSL (Canada):	No data available

EU EINECS/ELINCS/NLP:	No data available
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	No data available
Japan ENCS:	No data available
Philippines PICCS:	No data available
Korea KECI:	No data available
New Zealand NZIoC:	No data available
California Prop. 65:	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
SARA 302:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 304:	Not listed.
SARA 311:	Chronic Health Hazard
SARA 312:	Chronic Health Hazard

16 OTHER INFORMATION

Revision Date:	07-Jan-2022
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.