

Iso-Dimethicone Copolymer


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

Revision Date: 03-13-2019
Supersedes: 07-31-2017

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Iso-Dimethicone Copolymer	Distributor:	MakingCosmetics.com Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Bis vinyl dimethicone/ dimethicone copolymer, isododecane	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	156065-02-0, 13475-82-6	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification: Flammable Liq. 3
GHS Signal Word: **WARNING**
GHS Hazard Pictograms: 

GHS Hazard Statements: H226: Flammable liquid and vapor
GHS Precautionary Statements: P271: Use only outdoors or in a well-ventilated area
P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking
P243: Take precautionary measures against static discharge
P102: Keep out of reach of children
P273: Avoid release to the environment

Potential Health Hazards: Eyes: No evidence for irritation.
Inhalation: Acute toxicity by inhalation.
Skin: Not irritant.
Ingestion: No data available.

NFPA Ratings (704):

Health	1	Slight
Flammability	2	Moderate
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>
Bis vinyl dimethicone/ dimethicone copolymer	156065-02-0	84-94%	Not available
Isododecane	13475-82-6	6-16%	Not available

4 FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water for at least 20 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, water spray) 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: 43°C (Pensky-Martens Closed Cup)

Specific hazards arising from the chemical: May emit toxic fumes under fire conditions. See also Stability and Reactivity section. Static electricity will accumulate and may ignite vapors. Prevent possible fire hazard by bonding and grounding or inert gas purge. Vapors are heavier than air and may travel to a source of ignition and flash back.

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 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>
Bis vinyl dimethicone/ dimethicone copolymer	Not available		
Isododecane	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: Use NIOSH/OSHA-approved respiratory equipment where exposure likely exceeds acceptable criteria.

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, Physical State:	Gel	Vapor Pressure:	Not available
Odor:	Distinctive	Viscosity:	175,000-250,000 cps
Taste:	Not available	Evaporation Rate:	Not available
Color:	Clear	Flammability:	May be combustible
Molecular Weight:	Not available	Upper/lower Explosive Limit:	Not available
pH (2% sol. in IPA/H₂O)	Not determined	Flash Point:	43°C
Boiling Point:	Not determined	Specific Gravity:	0.77 g/ml
Melting Point:	Not applicable	Solubility:	Insoluble in water

10 STABILITY AND REACTIVITY

Reactivity: Product is stable

Chemical Stability: Product is stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: Avoid strong oxidizers

Incompatible Materials: Strong oxidizing agents

Hazardous Decomposition Products: Not determined

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not available
Skin:	Repeated Insult Patch Test (RIPT) indicated the product did not induce skin irritation nor show any evidence of induced allergic contact dermatitis in human subjects
Eyes:	Chorioallantoic Membrane Vascular Assay (CAMVA) and Bovine Corneal Opacity and Permeability Test (BCOP) indicated product was non-irritant
Respiratory:	Acute toxicity by inhalation
Ingestion:	Not data available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Ames testing indicated no mutagenicity effect
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	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):	UN Number UN2286, Proper Shipping Name: Pentamethylheptane; Classes: 3; Packaging: III; Additional Information: B1, IB3, T2, TP1;
IMDG (International Maritime Dangerous Goods):	 Label IMDG Class; UN Number UN2286, Proper Shipping Name: Pentamethylheptane; Classes: 3; Packaging: III; Additional Information: Emergency schedules (EmS), F-E, S-D;
IATA (International Air Transport Association):	 Label IATA0DGR Class; UN Number UN2286, Proper Shipping Name: Pentamethylheptane; Classes: 3; Packaging: III; Additional Information: Passenger aircraft 355: 60L; Cargo Aircraft 366: 220L
TDG (Transportation of Dangerous Goods, Canada):	 Label PSN: Pentamethylheptane; ID No. UN2286, Class 3, Packing group III
ICAO (International Civil Aviation Organization):	PSN: Pentamethylheptane; ID No. UN2286, Class 3, Packing group III

15 REGULATORY INFORMATION

TSCA Inventory Status:	Product has been classified in accordance with the Hazard Criteria of the CPR and this SDS contains all information required by the CPR.
DSCL (EEC):	Not available
WHMIS (Canada):	Class D: Division 2B, Class B; Division 3

16 OTHER INFORMATION

Revision Date:	03-13-2019
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.