

Iso-Dimethicone Copolymer


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

Revision Date: 25-Jun-2024
Supersedes: 16-Jun-2021

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Iso-Dimethicone Copolymer	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Isododecane, Bis-vinyl Dimethicone/Dimethicone Copolymer	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	13475-82-6, 141-70-5, 156065-02-0	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 liquids: Category 3 Chronic Aquatic Toxicity: Category 4												
GHS Signal Word:	WARNING												
GHS Hazard Pictograms:													
GHS Hazard Statements:	H226: Flammable liquid and vapor. H413: May cause long-lasting harmful effects to aquatic life.												
GHS Precautionary Statements:	P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233: Keep container tightly closed. P240: Ground/bond container and receiving equipment. P262: Do not get in eyes, on skin, or on clothing. P280: Wear protective gloves/protective clothing/eye protection/face protection. P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P403 + P235: Store in a well-ventilated place. Keep cool. P501: Dispose of contents/container in accordance with local and federal regulations.												
Potential Health Hazards:	Eyes: May be an irritant. Inhalation: May be an irritant. Skin: Not expected to be an irritant. Ingestion: May cause nausea, vomiting, or diarrhea.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">2</td> <td>Moderate</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2">N/A</td> </tr> </table>	Health	1	Slight	Flammability	2	Moderate	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	1	Slight											
Flammability	2	Moderate											
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Specific Hazard	N/A												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Isododecane	13475-82-6	84-94%	Not Available
Bis-vinyl Dimethicone / Dimethicone Copolymer	141-70-5, 156065-02-0	6-16%	Not Available

4 FIRST AID MEASURES

Eyes:	Immediately flush with water for 15 minutes. Seek medical attention if irritation occurs.
Inhalation:	Short term harmful health effects are not expected from vapor generated at ambient temperatures. If first aid

is required, move victim to fresh air and seek medical attention.
Skin: Remove contaminated clothing and wash with soap and water. No first aid should be needed.
Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. No first aid should be needed. If discomfort persists, seek medical attention.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperatures. Use appropriate media (medium expansion (>30:1) AFFF alcohol compatible foam or water spray) for adjacent fire. No unsuitable extinguish media listed.

Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.

Flash Points: 109.4°F (43°C)

Specific hazards arising from the chemical: Static electricity will accumulate and may ignite vapors. Prevent a 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. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.

Methods and material for containment and cleaning up: Collect for disposal. Clean up remaining materials from spill with suitable absorbent. For large spills, provide diking or other appropriate container. Clean areas as appropriate since some silicone material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents, or detergents. Observe all personal protection equipment recommendations. Dispose of absorbed material in accordance with federal, provincial, and local regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Keep container tightly closed and dry. Keep away from heat, sparks, and open flame. Avoid contact with oxidizing agents. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities: Keep container tightly closed and dry, away from heat and direct sunlight. Store away from 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>
Iso-Dimethicone Copolymer	Not available	Not available	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 safety glasses.

Inhalation: Use respiratory protection unless adequate local exhaust ventilation is not provided or air sampling data shows exposures are within exposure guidelines. Organic vapor type.

Body: Wear protective gloves and full protective clothing.

Other: Local exhaust and general ventilation recommended. Washing at mealtime and end of shift is adequate. These precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require added precautions. 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:	Liquid (gel)	Vapor Pressure:	No data available
Odor:	Distinctive	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Clear	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	109°F (43°C)
Boiling Point:	No data available	Specific Gravity at 25°C:	0.77 gm/mL
Melting/Freezing Point:	No data available	Water Solubility:	Insoluble
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	175,000-250,000 cps	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Keep away from heat, sparks, and open flame.
Incompatible Materials:	Avoid contact with oxidizing agents.
Hazardous Decomposition Products:	No data available.
Possible Hazardous Reactions:	Static electricity will accumulate and may ignite vapors. Vapors are heavier than air and may travel to a source of ignition and flash back.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	No data available.
Eyes:	No data available.
Inhalation:	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.
Sensitization:	No data available.
Corrosivity:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Chronic Aquatic Toxicity: Category 4.
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:	Follow all Federal, State and Local regulations for non-hazardous waste disposal. Disposal methods
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identified are for the product as sold. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options permissible under applicable rules and regulations. 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.

Product Containers: Empty containers should be recycled or disposed of through an approved waste management facility. 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):	Regulated. UN Number: UN2286 HS Code: 3910000000 Proper Shipping Name: Pentamethylheptane Hazard Class: 3:Flammable and Combustible Liquids Packing Group: GROUP III
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Regulated. UN Number: UN2286 HS Code: 3910000000 Proper Shipping Name: Pentamethylheptane Hazard Class: 3:Flammable and Combustible Liquids Packing Group: GROUP III
IATA (International Air Transport Association):	Regulated. UN Number: UN2286 HS Code: 3910000000 Proper Shipping Name: Pentamethylheptane Hazard Class: 3:Flammable and Combustible Liquids Packing Group: GROUP III
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Registered:	No.
TSCA 5(a) SNUR:	No.
CPR Hazard Criteria:	This product has been classified in accordance with the Hazard Criteria of the CPR and this MSDS contains all information required by the CPR.

16 OTHER INFORMATION

Revision Date:	25-Jun-2024
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.