

## 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

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

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Flammable Liq. 3												
<b>GHS Signal Word:</b>	<b>WARNING</b>												
<b>GHS Hazard Pictograms:</b>													
<b>GHS Hazard Statements:</b>	H226: Flammable liquid and vapor												
<b>GHS Precautionary Statements:</b>	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												
<b>Potential Health Hazards:</b>	Eyes: No evidence for irritation. Inhalation: Acute toxicity by inhalation. Skin: Not irritant. Ingestion: No data available.												
<b>NFPA Ratings (704):</b>	<table border="0"> <tr> <td>Health</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Flammability</td> <td>2</td> <td>Moderate</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	1	Slight	Flammability	2	Moderate	Reactivity	0	Minimal	Specific Hazard	n/a	
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

<b>Eyes:</b>	In case of eye contact, rinse with plenty of water for at least 20 minutes and seek medical attention if necessary.
<b>Inhalation:</b>	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.
<b>Skin:</b>	Flush with plenty of water and wash using soap.
<b>Ingestion:</b>	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.

## 5 FIRE-FIGHTING MEASURES

<p><b>Suitable (and unsuitable) extinguishing media:</b></p> <p><b>Special protective equipment &amp; precautions for firefighters:</b></p> <p><b>Flash Points:</b></p> <p><b>Specific hazards arising from the chemical:</b></p>	<p>May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical, water spray) for adjacent fire. Do not use water.</p> <p>Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.</p> <p>43°C (Pensky-Martens Closed Cup)</p> <p>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.</p>
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## 6 ACCIDENTAL RELEASE MEASURES

<p><b>Personal precautions, protective equipment &amp; emergency procedures:</b></p> <p><b>Environmental precautions:</b></p> <p><b>Methods and material for containment and cleaning up:</b></p>	<p>See section 8 for recommendations on the use of personal protective equipment.</p> <p>Not available</p> <p>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.</p>
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## 7 HANDLING & STORAGE

<p><b>Precautions for safe handling:</b></p> <p><b>Conditions for safe storage, incl. any incompatibilities:</b></p>	<p>See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.</p> <p>Store in cool, dry well ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).</p>
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## 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:

<b>Eyes:</b>	Wear chemical safety glasses or goggles.
<b>Inhalation:</b>	Use NIOSH/OSHA-approved respiratory equipment where exposure likely exceeds acceptable criteria.
<b>Body:</b>	Slip proof shoes may be worn where spills may occur.
<b>Other:</b>	Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Reactivity:</b>	Product is stable
<b>Chemical Stability:</b>	Product is stable
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	Avoid strong oxidizers
<b>Incompatible Materials:</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products:</b>	Not determined

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Not available
<b>Skin:</b>	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
<b>Eyes:</b>	Chorioallantoic Membrane Vascular Assay (CAMVA) and Bovine Corneal Opacity and Permeability Test (BCOP) indicated product was non-irritant
<b>Respiratory:</b>	Acute toxicity by inhalation
<b>Ingestion:</b>	Not data available
<b>Carcinogenicity:</b>	Not available
<b>Teratogenicity:</b>	Not available
<b>Germ Cell Mutagenicity:</b>	Ames testing indicated no mutagenicity effect
<b>Embryotoxicity:</b>	Not available
<b>Specific Target Organ Toxicity:</b>	Not available
<b>Reproductive Toxicity:</b>	Not available
<b>Respiratory/Skin Sensitization:</b>	Not available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	
<b>Aquatic Vertebrate:</b>	Not available
<b>Aquatic Invertebrate:</b>	Not available
<b>Terrestrial:</b>	Not available
<b>Persistence and Degradability:</b>	Not available
<b>Bioaccumulative Potential:</b>	Not available
<b>Mobility in Soil:</b>	Not available
<b>PBT and vPvB Assessment:</b>	Not available
<b>Other Adverse Effects:</b>	Not available

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	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.
<b>Product Containers:</b>	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

<b>DOT (Dept. of Transportation, USA):</b>	UN Number UN2286, Proper Shipping Name: Pentamethylheptane; Classes: 3; Packaging: III; Additional Information: B1, IB3, T2, TP1;
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**IMDG (International Maritime Dangerous Goods):**

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):**  
**ICAO (International Civil Aviation Organization):**

Label  
PSN: Pentamethylheptane; ID No. UN2286, Class 3, Packing group III

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## 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.