Iso-Dimethicone Copolymer

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Iso-Dimethicone Copolymer
Distributor: MakingCosmetics.com Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)

Synonyms: No data available
INCI Name: Bis vinyl dimethicone/ dimethicone copolymer, isododecane
CAS Number: 156065-02-0, 13475-82-6
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: 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 on in 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

Component CAS No. Weight % Molecular Weight
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.

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### 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.

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### 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).

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### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Component**

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limits</th>
<th>Basis</th>
<th>Entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bis vinyl dimethicone/dimethicone copolymer</td>
<td>Not available</td>
<td>TWA: Time Weighted Average over 8 hours of work.</td>
<td></td>
</tr>
<tr>
<td>Isododecane</td>
<td>Not available</td>
<td>STEL: Short Term Exposure Limit during x minutes.</td>
<td></td>
</tr>
</tbody>
</table>

**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.

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### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance, Physical State:**
Gel

**Odor:**
Distinctive

**Taste:**
Not available

**Color:**
Clear

**Molecular Weight:**
Not available

**pH (2% sol. in IPA/H₂O):**
Not determined

**Boiling Point:**
Not determined

**Melting Point:**
Not applicable

**Vapor Pressure:**
Not available

**Viscosity:**
175,000-250,000 cps

**Evaporation Rate:**
Not available

**Flammability:**
May be combustible

**Upper/lower Explosive Limit:**
Not available

**Flash Point:**
43°C

**Specific Gravity:**
0.77 g/ml

**Solubility:**
Insoluble in water

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### 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: 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): 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): 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): 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 suitableness & completeness of such information for his own particular use.