

ICE Silicone

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

Revision Date: 05-Aug-2024
Supersedes: 04-Aug-2021

1 PRODUCT & COMPANY IDENTIFICATION

| | | | |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------|
| Product Name: | ICE Silicone | Distributor: | MakingCosmetics Inc. |
| Synonyms: | No data available | Address: | 10800 231 st Way NE Redmond, WA 98053 (USA) |
| INCI Name: | Cetyl alcohol, sodium polyacrylate, glyceryl stearate, polysorbate 80, dimethicone/divinyldimethicone/silsesquioxane crosspolymer | | |
| CAS Number: | 36653-82-4, 9003-04-7, 123-94-4, 9005-65-6, 153668-87-2 | Phone / Fax: | 425-292-9502 / 425-292-9601 |
| Formula: | No data available | Web: | www.makingcosmetics.com |
| Product Form: | Liquid | | |
| Product Use: | Cosmetic use | 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 an irritant under normal conditions of use. Prolonged contact may cause mild irritation. Inhalation: Not expected to be an irritant under normal conditions of use. Finely divided dust may cause irritation. Skin: Not expected to be an irritant under normal conditions of use. Prolonged contact may cause mild irritation. Molten material may cause burns. Ingestion: May cause nausea, vomiting, or gastrointestinal disturbances. | | | | | | | | | | | | |
| NFPA Ratings (704): | <table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td>Slight</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 | 0 | Minimal | Flammability | 1 | Slight | Reactivity | 0 | Minimal | Specific Hazard | N/A | |
| Health | 0 | Minimal | | | | | | | | | | | |
| Flammability | 1 | Slight | | | | | | | | | | | |
| 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> |
|------------------------------------------------------------|----------------|-----------------|-------------------------|
| Cetyl alcohol | 36653-82-4 | 27 - 33% | Not Available |
| Sodium polyacrylate | 9003-04-7 | 27 - 33% | Not Available |
| Glyceryl stearate | 123-94-4 | 22 - 28 | Not Available |
| Polysorbate 80 | 9005-65-6 | 7 - 13% | Not Available |
| Dimethicone/divinyldimethicone/silsesquioxane crosspolymer | 153668-87-2 | 2 - 8% | Not Available |

4 FIRST AID MEASURES

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| Eyes: | Not expected to be a problem under normal conditions of use. May produce mild irritation on prolonged contact with eyes. Not expected to be absorbed through skin in significant quantities. The cool solid material is not expected to cause eye irritation, however, contact with the molten material may result in thermal burns. |
| Inhalation: | Not expected to be a problem under normal conditions of use. When finely divided, inhalation of dust may cause irritation of mucous membrane and respiratory tract. If heated to decomposition, fumes, generated may |

Skin: result in respiratory irritation. Not expected to be a problem under normal conditions of use. May produce mild irritation on prolonged contact with skin. Not expected to be absorbed through the skin in significant quantities. The cool solid material is not expected to cause skin irritation; however, contact with molten material may result in thermal burns.

Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. May be harmful if swallowed. May cause gastrointestinal disturbances.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperatures. Use appropriate media (water spray, fog, alcohol-type foam, dry chemical, or CO₂) for surrounding environment or adjacent fire. No unsuitable extinguish media listed.

Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus with a full-face piece operated in positive pressure or pressure-demand mode as well as full protective clothing, including eye protection and boots. Keep fire-exposed containers cool using water spray.

Flash Points: 350°F (176.67°C)

Specific hazards arising from the chemical: When finely divided and suspended in air, this product could be flammable. Under these circumstances, keep away from heat, sparks, and open flames. Use adequate ventilation and ground all equipment. As with most solid or particulate organic materials, extremely high dust concentration in air may result in potential explosion hazard. Use good housekeeping to prevent significant solids accumulation. 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: Sweep up material and place in appropriate disposal container. Use sweeping compound or other cleaning aids to pick up residues. Wash down area thoroughly with water. Use appropriate personal protective equipment as necessary. If liquid is hot, attempt to confine spill and let the liquid solidify. Once solid, the product may be recovered waste disposal site. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling: The shelf life of the product depends on storage conditions and intended uses; properties such as melting point, viscosity, and penetration will remain stable for over one year. The color of these, especially white waxes, may darken slightly after two or three months under certain conditions. Care must be taken to avoid overheating the molten wax and causing oxidation of the product. Care must be taken to avoid overheating with molten wax and causing oxidation of the product. Care must also be taken to avoid skin contact with the molten wax, which will cause thermal burns. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities: Packaged material (boxes, bags) should be stored in a cool, dry place at or below room temperature. Store away from oxidizing agents and all incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| Component | Exposure Limits | Basis | Entity |
|--------------|--------------------------------------------|---------|--------|
| ICE Silicone | 5 mg/m ³ (respirable dust) | PEL-TWA | OSHA |
| | 5 mg/m ³ (respirable dust) | TLV-TWA | ACGIH |
| | 15 mg/m ³ (total nuisance dust) | PEL-TWA | OSHA |
| | 10 mg/m ³ (total dust) | TLV-TA | ACGIH |
| | 2 mg/m ³ (paraffin wax fume) | TLV-TWA | ACGIH |

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 goggles.
Inhalation: General ventilation should be used provided to maintain ambient concentrations below nuisance levels. Respirator use is not expected to be necessary under normal conditions of handling. In emergency situations, use of a NIOSH-approved respirator may be required.
Body: Wear chemical resistant gloves and lightweight protective clothing to prevent skin contact.
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

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|------------------------------------------------|-------------------------|-------------------------------------|-------------------|
| Appearance: | Powder | Vapor Pressure: | No data available |
| Odor: | No data available | Vapor Density: | No data available |
| Odor Threshold: | No data available | Evaporation Rate: | No data available |
| Color: | White | Flammability: | No data available |
| Molecular Weight: | No data available | Upper/Lower Explosive Limit: | No data available |
| pH: | No data available | Flash Point: | 350°F (176.67°C) |
| Boiling Point: | No data available | Specific Gravity: | No data available |
| Melting Point: | 105 - 129°F (41 - 54°C) | Water Solubility: | Dispersible |
| 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: | No data available | Explosive Properties: | No data available |
| Oxidizing Properties: | No data available | Metal Corrosion: | No data available |

10 STABILITY AND REACTIVITY

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|------------------------------------------|-----------------------------------------|
| Reactivity: | No data available. |
| Chemical Stability: | Stable. |
| Hazardous Polymerization: | Will not occur. |
| Conditions to Avoid: | No data available. |
| Incompatible Materials: | Keep away from strong oxidizing agents. |
| Hazardous Decomposition Products: | No data available. |
| Possible Hazardous Reactions: | No data available. |

11 TOXICOLOGICAL INFORMATION

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| Acute Toxicity: | No data available. |
| Skin: | There are no known toxicological effects. |
| Eyes: | There are no known toxicological effects. |
| Inhalation: | There are no known toxicological effects. |
| Ingestion: | There are no known toxicological effects. |
| Carcinogenicity: | There are no known toxicological effects. |
| Teratogenicity: | No data available. |
| Gases, Vapors, Dusts and Mists: | There are no known toxicological effects. |
| 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. |

12 ECOLOGICAL INFORMATION

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|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity: | This product would not be expected to cause damage to the environment. |
| Aquatic Vertebrate: | No data available. |
| Aquatic Invertebrate: | No data available. |
| Terrestrial: | No data available. |
| Persistence and Degradability: | It would be expected to biodegrade slowly, depending upon the conditions to which it is exposed. Under OECD method 301D, the biodegradability is less than 25% after 5 days. |
| 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

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| Waste Residues: | Disposal methods 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 facility. If product is spilled, use appropriate tools to put the spilled solid in a convenient waste disposal container. 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

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|----------------------------------------------------------|-------------------------|
| DOT (Dept. of Transportation, USA): | Non-regulated material. |
| TDG (Transportation of Dangerous Goods, Canada): | No data available. |
| IMDG (International Maritime Dangerous Goods): | Non-hazardous. |
| IATA (International Air Transport Association): | Non-hazardous. |
| ICAO (International Civil Aviation Organization): | No data available. |

15 REGULATORY INFORMATION

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|-----------------------------|--------------------|
| TSCA Registered: | No. |
| TSCA 5(a) SNUR: | No. |
| Canada (DSL): | No data available. |
| EU (EINECS): | No data available. |
| China (IECSC): | No data available. |
| Australia (AICS): | No data available. |
| Japan (ENCS): | No data available. |
| Philippines (PICCS): | No data available. |
| New Zealand (NZIoC): | No data available. |

16 OTHER INFORMATION

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| Revision Date: | 05-Aug-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. |

