



Safety Data Sheet

OptiBlur™ Elastomer

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: OptiBlur™ Elastomer

INCI Name: Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer (and) Dimethicone Crosspolymer (and) Beeswax (and) Silica (and) Silica Silylate

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands	CALL +1 800-424-9300
In case of difficulties or for ships at sea	CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America	CALL +1 703-527-3887

Section 2: Hazards Identification

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Hazard Pictograms:

Signal Word: Warning

Hazard Classification: Flammable Liquids

Hazard Category: Category 4

Hazard Statements: H227: Combustible Liquid

Precautionary Statements: Prevention:
P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P280: Wear protective gloves/protective clothing/eye protection/face protection

Storage:
P403+235: Store in a well ventilated place. Keep cool

Disposal:
P501: Dispose of contents/container in accordance with local/regional/national/international rules.

Other Hazards: Vapors may form explosive mixture with air.



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Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Decamethyltetrasiloxane	Category 4	141-62-8	>= 68 - <= 96%

Additional Information: None

Section 4: First Aid Measures

General Info: Product may give off vapors in appreciable quantities affecting the inhalation route. Ensure proper ventilation.

Notable Exposure symptoms: None known.

If ingested: If swallowed, do not induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

If inhaled: If inhaled, remove to fresh air. Get Medical attention if symptoms occur.

Eye contact: Flush eyes with water as a precaution. Get medical attention if symptoms occur.

Skin contact: Wash with water and soap as a precaution. Get medical attention if symptoms occur.

Additional Info: None.

Section 5: Fire Fighting Measures

General Info: Flash point 74°C Seta closed cup. Product contains flammable solvents. Direct water spray may spread fire. Isolate any uncompromised product from area if possible. Do not breathe fumes.

Extinguishing Method /

Equipment: Carbon dioxide (CO₂), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Hazardous Decomposition Info: Carbon oxides, silicon oxides and formaldehyde.

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Remove all sources of ignition. Follow safe handling advice and personal protective equipment recommendations.

Environmental Precautions: Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area.

Containment Equipment and

Procedures: Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Cleanup Procedures: Pick up with absorbent material and collect for disposal. Refer to Section 8 for protective equipment and Section 13 for disposal considerations.



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Section 7: Handling and Storage

Safe Handling Precautions: Handle in accordance with good industrial hygiene and safety practice. Keep container tightly closed. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to the environment.

Recommendations for Storage: Keep in properly labeled containers. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations. Keep away from heat and sources of ignition.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.

Section 8: Exposure Control / Personal Protection

Control Parameters: Decamethyltetrasiloxane: CAS-No: 141-62-8. Form of Exposure: TWA. Control Parameters: 20 ppm. Basis: DCC OEL.

General / Engineering

Controls: Processing may form hazardous compounds (see Section 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

Eye/face protection: Chemical goggles/glasses with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Chemical resistant/impervious protective gloves

Body Protection: Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Flame retardant antistatic protective clothing. Skin contact must be avoided by using impervious protective clothing.

Respiratory Protection: None required under normal conditions of use

Thermal Hazards: None required under normal conditions of use

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Ensure that eye flushing systems and safety showers are located close to the working place.

Environmental Exposure

Controls: Avoid direct releases to the environment.



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Section 9: Physical and Chemical Properties

Physical State: Liquid

Appearance: Viscous

Color: White to yellow

Odor: Characteristic

Odor Threshold: No data available

pH: No data available

Melting Point: No data available

Freezing Point: No data available

Boiling Point: >35°C

Flash Point: 74°C Method: Seta closed cup

Auto-ignition Temperature: No data available

Decomposition Temperature: No data available

Evaporation Rate: No data available

Vapor Pressure: No data available

Explosive Limits: No data available

Vapor Density: No data available

Relative Density: 0.9

Water Solubility: No data available

Viscosity (cP): 300,000 mPa.s

Explosion Properties: Not explosive

Oxidizing Properties: The substance or mixture is not classified as oxidizing

Partition coefficient: No data available

Other information: None available

Section 10: Stability and Reactivity

Reactivity: Not classified as a reactivity hazard.

Chemical Stability: Stable under normal use conditions.

Possibility of Hazardous

Reactions: Combustible liquid. Vapors may form explosive mixture with air. Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Hazardous decompositions will be formed at elevated temperatures.

Conditions to Avoid: Heat, flames and sparks.

Incompatible Materials: Oxidizing agents.

Hazardous Decomposition

Products: Formaldehyde



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Section 11: Toxicological Information

Acute Toxicity: Not classified based on available information. On basis of test data, the substance or mixture has no acute dermal toxicity. LD50 (Rat): > 2,000 mg/kg.

Irritation: *in vitro* dermal testing of similar materials show product to be non-irritating.

Corrosivity: Not classified based on available information.

Sensitization: Does not cause skin sensitization. (HRIPT) Human repeat insult patch test results: negative. On the basis of similar test data.

Repeated Dose Toxicity: Not classified based on available information. (On basis of similar test data) Ingestion as a route of exposure assessment indicates that no significant health effects observed in animals at 100 mg/kg bw or less. Vapor inhalation as a route of exposure assessment indicates no significant health effects observed in animals at concentrations of 1 mg/l/6h/d or less.

Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP and OSHA.

Mutagenicity: Not classified based on available information.

Toxicity for reproduction: No evidence of adverse effects on sexual function and fertility, or on development, based on testing of similar materials.

Section 12: Ecological Information

Toxicity: Toxicity to fish: Based on testing of similar materials, LC50 (*Oncorhynchus mykiss* (rainbow trout)): > 0.0063 mg/l. Exposure time: 96 h. Method: OECD Test Guideline 203. No toxicity at the limit of solubility.

Aquatic Toxicity: Based on testing of similar materials, EC50 (*Daphnia magna* (water flea)): > 0.0055mg/l. Exposure time: 48 hr. No toxicity at the limit of solubility.

Persistence and Degradability: No data available.

Bioaccumulative Potential: Not expected to be bio-accumulative in aquatic organisms.

Mobility in Soil: No data available.

Results of PBT and vPvB

Assessment: No data available.

Other Adverse Effects: None known



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Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations.

Container disposal: Dispose of container in accordance with licensed collector's sorting instructions.

Other considerations: No further information.

Section 14: Transport Information

General Information: This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Non-bulk quantities (< 119 gallons or < 450 liters) are not regulated.

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	NA 1993	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	Combustible liquid, n.o.s. (Decamethyltetrasiloxane)	Not regulated	Not regulated	Not regulated
Transport Hazard Class(es):	CBL	Not applicable	Not applicable	Not applicable
Packing Group:	III	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable



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Section 15: Regulatory Information

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.

SARA 304/302: This material does not contain any components with sections 302 & 304 EHS RQ.

SARA 311/312 Hazards: Fire Hazard.

Sara 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Pennsylvania Right To Know: Decamethyltetrasiloxane	141-62-8
Dimethyl methylhydrogen siloxane reaction product with 1,5-hexadiene	213629-14-2
Dimethyl siloxane crosslinked polymer	869736-22-1
Beeswax	8012-89-3

California Prop. 65: This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive effects.

National Inventories

New Zealand (NZIoC): All ingredients are listed or exempt.

Europe (REACH): For purchases from Dow Corning EU legal entities, all ingredients are currently pre/registered or exempt under REACH. Please refer to section 1 for recommended uses. For purchases from non-EU Dow Corning legal entities with the intention to export into EEA please contact your DC representative/local office.

United States (TSCA): Commercial use of this product is limited to applications not regulated by TSCA. One or more components in this product may not be listed on the Toxic Substances Control Act inventory of chemicals substances. Use of this product in TSCA applications is for Research and Development purposes only.

Australia (AICS): One or more ingredients are not listed or exempt.

Japan (ENCS/ISHL): All components are listed on ENCS/ISHL or exempted from inventory listing.

Korea (KECI): Consult your local Dow Corning office.

Philippines (PICCS): All ingredients are listed or exempt.

Canada (DSL): All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

Taiwan (TSCI): All ingredients are listed or exempt.



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Section 16: Other Information

Indication of Changes: Version 2 created April 19th, 2018

HMIS Rating: 0-2-0

NPFA Rating: 0-2-0

List of Relevant R-phrases

(number and full text): Not applicable

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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