

33562-6040

SMOOTH-ON**Material Safety Data Sheet****OOMOO™ Series****MSDS No. 821**

Date Of Preparation: May 2, 2005

Revision: 0004

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: OOMOO™ Series Part A
General Use: Silicone Elastomer
Manufacturer: Smooth-On Inc., 2000 St. John St., Easton PA 18042
 Phone (610) 252-5800, FAX (610) 252-6200
Emergency Contact: Chem-Tel
 Domestic 800-255-3924
 International 813-248-0585

Section 2 - Composition / Information on Ingredients

Component	CAS Number	ACGIH TWA	Exposure Limits OSHA PEL	Weight Percent (%)
Polyorganosiloxanes	Mixed	None Established	None Established	65-70
Mineral Fillers (Non-hazardous)	Mixed	None Established	None Established	20-25
Crystalline Silica (Quartz)	14808-60-7	0.05 mg/m ³	10 mg/m ³	5-7
Alkoxy Silanes	Mixed	None Established	None Established	3-5

Section 3 - Hazards Identification**Potential Health Effects**

HMIS	
H	2
F	1
R	1

Primary Entry Routes: Dermal**Acute Effects Inhalation:** This is a viscous fluid that does not easily form a mist or vapor and, therefore, inhalation hazards are minimal.**Eye:** Similar silicone fluids are non-irritating to eyes. A slight transient irritation is possible.**Skin:** Similar silicone fluids are non-irritating to intact and abraded skin.**Ingestion:** Animal tests for similar silicone fluids suggest very low acute oral toxicity.**Carcinogenicity:** IARC lists Crystalline Silica (Quartz) as a possible carcinogen.**Medical Conditions Aggravated by Long-Term Exposure:** No Data Found**Section 4 - First Aid Measures****Inhalation:** Remove source(s) of contamination and move victim to fresh air. Contact physician immediately.**Eye Contact:** Flush eyes with plenty of water. If irritation persists, seek medical attention.**Skin Contact:** In case of skin contact, wash thoroughly with soap and water; remove contaminated clothing and launder before reuse; seek medical attention if rash develops.**Ingestion:** Do not induce vomiting unless instructed by a physician. Contact physician immediately*After first aid, get appropriate in-plant, paramedic, or community medical support.*

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Section 5 - Fire-Fighting Measures**Flash Point:** >300 °F**Flash Point Method:** PMCC**LEL:** Not Established**UEL:** Not Established**Flammability Classification:** Non-Flammable**Extinguishing Media:** Dry Chemical, Carbon Dioxide, and Foam**Unusual Fire or Explosion Hazards:** None**Fire-Fighting Instructions:** Fire fighters should wear self-contained breathing apparatus. Do not release runoff from fire control methods to sewers or waterways.**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.**Section 6 - Accidental Release Measures****Spill /Leak Procedures:** Dike and contain spill; absorb or scrape up excess into suitable container for disposal Stop or reduce discharge if it can be done safely.**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).**Section 7 - Handling and Storage****Handling Precautions:** Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. Use good general housekeeping procedures.**Storage Requirements:** Store in cool dry, well-ventilated area.**Section 8 - Exposure Controls / Personal Protection****Engineering Controls:****Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.**Administrative Controls:****Protective Clothing/Equipment:** Wear chemically protective gloves. Wear protective eyeglasses per OSHA eye and face protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics

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Section 9 - Physical and Chemical Properties

Physical State: Viscous Liquid	Water Solubility: Insoluble
Appearance : OOMOO 30 Red viscous liquid OOMOO 25 Green viscous liquid	Boiling Point: None (Polymeric Resin) % Volatile: Nil
Odor : Sweet odor	Freezing/Melting Point: None (Polymeric Resin)
Vapor Pressure: None (Polymeric Resin)	Viscosity: 200 poise
Vapor Density (Air=1): >1	Evaporation Rate: Not Applicable
Specific Gravity (H₂O=1, at 4 °C): 1.18	

Section 10 - Stability and Reactivity

Stability: These products are stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization can not occur.

Chemical Incompatibilities: Strong bases, and acids.

Hazardous Decomposition Products: Silica, carbon monoxide and carbon dioxide

Section 11- Toxicological Information

Eye Effects: Irritation	Carcinogenicity: None Determined
Skin Effects: Irritation	Mutagenicity: None Determined
	Teratogenicity: None Determined

Section 12 - Ecological Information

None Established

Section 13 - Disposal Considerations**Disposal:** Must be disposed of in accordance with applicable Federal, state and local regulations.**Section 14 - Transport Information**

DOT	IATA	IMDG
Not Regulated	Not Regulated	Not Regulated

Section 15 - Regulatory Information**EPA Regulations:**

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

CERCLA Hazardous Substance (40 CFR 302.4) listed specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307(a), CAA, Sec. 112

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): None

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Section 15 - Regulatory Informationv (continued)

TSCA Inventory Status (40 CFR710): All components of this formulation are listed in the TSCA Inventory

State Regulations:

California Proposition 65: This product contains Crystalline Silica, which has been identified by the state of California to cause cancer.

Florida, Massachusetts, Minnesota, Pennsylvania and Washington Substance List:

<u>Chemical Name</u>	<u>CAS #</u>	<u>% by Weight</u>
Ethyl Silicate	78-10-4	2.0 Max
Crystalline Silica	14808-60-7	7.0 Max.

Section 16 - Other Information

Prepared By: Dominick J. Finocchio

Title: Technical Director

Disclaimer: The information contained in this MSDS is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of Smooth-On Inc., it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.



Material Safety Data Sheet

OOMOO™ Series

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Manufacturer: Smooth-On Inc., 2000 St. John St., Easton PA 18042
 Phone (610) 252-5800, FAX (610) 252-6200
Emergency Contact: Chem-Tel
 Domestic 800-255-3924
 International 813-248-0585

Section 2 - Composition / Information on Ingredients

Component	CAS Number	ACGIH TWA	Exposure Limits OSHA PEL	Weight Percent (%)
Polyorganosiloxanes	Mixed	None Established	None Established	35-40
Crystalline Silica (Quartz)	14808-60-7	0.05 mg/m ³	10 mg/m ³	60-65

Section 3 - Hazards Identification

Potential Health Effects

HMIS	
H	2
F	1
R	1

Primary Entry Routes: Dermal

Acute Effects Inhalation: This is a viscous fluid that does not easily form a mist or vapor and, therefore, inhalation hazards are minimal.

Eye: Similar silicone fluids are non-irritating to eyes. A slight transient irritation is possible.

Skin: Similar silicone fluids are non-irritating to intact and abraded skin.

Ingestion: Animal tests for similar silicone fluids suggest very low acute oral toxicity.

Carcinogenicity: IARC and NTP lists Crystalline Silica (Quartz) as a possible carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: No Data Found

Section 4 - First Aid Measures

Inhalation: Remove source(s) of contamination and move victim to fresh air. Contact physician immediately.

Eye Contact: Flush eyes with plenty of water. If irritation persists, seek medical attention.

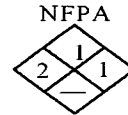
Skin Contact: In case of skin contact, wash thoroughly with soap and water; remove contaminated clothing and launder before reuse; seek medical attention if rash develops.

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After first aid, get appropriate in-plant, paramedic, or community medical support.

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Section 10 - Stability and Reactivity		
Stability: These products are stable at room temperature in closed containers under normal storage and handling conditions.		
Polymerization: Hazardous polymerization can not occur.		
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Hazardous Decomposition Products: Silica, carbon monoxide and carbon dioxide		
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SARA EHS (Extremely Hazardous Substance) (40 CFR 355): None		
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State Regulations:		
<u>California Proposition 65:</u> These products contain Crystalline Silica, which has been identified by the state of California to cause cancer.		
<u>Florida, Massachusetts, Minnesota, Pennsylvania and Washington Substance List:</u>		
<u>Chemical Name</u>	<u>CAS #</u>	<u>% by Weight</u>
Crystalline Silica	14808-60-7	65 Max.

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Section 16 - Other Information

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Title: Technical Director

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