



Factor II, Incorporated

The Art, Science and Technology of
Silicones and Prosthetics...

Safety Data Sheet

Product Code A-310-1000

Date of issue: 07-01-2015

Revision Date: 05-05-2019

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name Silicone Fluid (1000 cps)

Product Code A-310-1000

Intended Use(s) For professional use only

CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

Factor II, Incorporated
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Lakeside AZ 85929
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www.factor2.com
sales@factor2.com

EMERGENCY TELEPHONE NUMBERS

928- 368-7502

SECTION 2: HAZARD(S) IDENTIFICATION

WARNING STATEMENT

This product, as sold, does not meet the regulatory definition of a hazardous material. This product contains dimethylpolysiloxane which can generate formaldehyde as a byproduct of oxidative thermal decomposition beginning at approximately 150°C 300°F. Exposure to formaldehyde can cause adverse effects such as skin and respiratory sensitization and eye and throat irritation. Formaldehyde is a potential cancer hazard. Evaluate and control exposure to formaldehyde when warranted by conditions of use.

SWALLOWING	Low acute oral toxicity.
SKIN ABSORPTION	No evidence of adverse effects from available information.
INHALATION	Not likely
SKIN CONTACT	Non-irritating.
EYE CONTACT	May cause redness and irritation.



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CHRONIC EFFECTS

This product does not contain any ingredient designated by IARC, NYP, ACGIH, or OSHA as probable or suspected human carcinogen.

OTHER EFFECTS OF OVEREXPOSURE

None currently known.

SECTION 3: HAZARDOUS INGREDIENTS

%	MATERIAL	CAS#	EXPOSURE VALUE	CLASSIFICATION
100	Poly(dimethyl)siloxane	63148629	See Section 8	See Section 15

SECTION 4: FIRST-AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES

SWALLOWING

If large quantity has been swallowed, and if patient is fully conscious, give two glasses of water. Obtain medical attention.

SKIN

Wash with soap and water. Seek medical attention if irritation develops or persists.

INHALATION

Inhalation is not an expected route of exposure. If symptoms should develop. Remove to fresh air. Obtain Medical attention if symptoms persist.

EYES

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention if discomfort persist.

NOTES TO PHYSICIAN

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (test method(s))

570°F (Tag Closed Cup)

FLAMMABLE LIMITS IN AIR (by volume)

LOWER N/A

UPPER N/A

EXTINGUISHING MEDIA

Dry chemical

Foam

Carbon dioxide.



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SPECIAL FIRE FIGHTING PROCEDURES

Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water

UNUSUAL FIRE AND EXPLOSION HAZARDS Product will burn under fire conditions.

HAZARDOUS DECOMPOSITION MATERIALS (Under fire conditions)

Formaldehyde
Oxides of Carbon
Silica (crystalline).

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Do not flush to drain. Clean up residual material with an appropriate solvent like paint thinner or mineral spirits (provided there is good ventilation and no source of ignition).

WASTE DISPOSAL METHOD

Dispose of in accordance with all Federal, State, and local regulations.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Normal precautions common to safe manufacturing practice should be followed in handling and storage. Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes.

Keep container closed, in a cool dry place

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE VALUES AND SOURCE None.

RESPIRATORY PROTECTION

Use NIOSH approved respirator or self-contained breathing apparatus as needed to maintain personnel exposure below established Occupational Exposure Values.

VENTILATION

General (mechanical) room ventilation with local ventilation as needed to maintain exposure below established Occupational Exposure Values.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT	N/A
FREEZING POINT	-67°F (-55°C) Approximate
FLASH POINT	572°F (300 °C) (Closed cup according to method Afnor T60103)
VAPOR PRESSURE	<0.01 hPa (68°F: (20°C))
VAPOR DENSITY (air=1)	N/A
RELATIVE DENSITY	0.96 (68°F: (20°C)) Approximate
EVAPORATION RATE	N/A
SOLUBILITY IN WATER	Practically Insoluble
SOLUBILITY (OTHER)	Acetone: Very slightly soluble. Ethanol: Very slightly soluble. Diethyl ether: Miscible (in all proportions). Aliphatic hydrocarbons: Miscible (in all proportions). Aromatic hydrocarbons: Miscible (in all proportions). Chlorinated solvents: Miscible (in all proportions).
ODOR	Odorless
PHYSICAL STATE	Clear Viscous Liquid
AUTOIGNITION TEMPERATURE	>752 °F (400 °C)
VISCOSITY	50 mm ² /s (77 °F (25 °C))
OXIDIZING PROPERTIES	Not considered as oxidizing.

Note: The above information is not intended for use in preparing product specifications.

SECTION 10: STABILITY AND REACTIVITY

STABILITY	Stable.
CONDITIONS TO AVOID	Contact with elevated temperatures Open flame Other ignition sources.
MATERIAL/CHEMICAL TO BE AVOIDED	Strong bases Acids Oxidizing agents
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS	
Thermal	Dimethylcyclosiloxanes Methylphenylcyclosiloxanes
Oxidative/Thermal	Formaldehyde

Traces of formaldehyde may be generated due to oxidative thermal decomposition at temperatures greater than 150°C (300°F). Exposure to formaldehyde can cause adverse effects



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such as skin and respiratory sensitization and eye and throat irritation. Formaldehyde is a potential carcinogen. Evaluate and control exposure to formaldehyde when warranted by conditions of use.

HAZARDOUS POLYMERIZATION Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

COMPONENT

Acute Toxicity (Oral)	LD 50 (Rat): >5,000 mg/kg
Acute Toxicity (Dermal)	LD 50 (Rat): >2,000 mg/kg
Inhalation	No data found
Other	N/A.

Refer to Section 3 for further discussion of the health hazards associated with this preparation

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION	Complete information not yet available.
CHEMICAL FATE INFORMATION	Complete information not yet available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Federal, State, and local regulations

SECTION 14: TRANSPORT INFORMATION

I.A.T.A. HAZARD CLASSIFICATION

Proper Shipping Name	Not regulated
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SECTION 15: REGULATORY INFORMATION

INVENTORY STATUS

Australia AICS	On or in compliance with the inventory
Canada DSL Inventory List	On or in compliance with the inventory
EU EINECS List	On or in compliance with the inventory
Japan (ENCS) List	On or in compliance with the inventory
China Inv. Existing Chemical Substances	On or in compliance with the inventory
Korea Existing Chemical INV (KECI)	On or in compliance with the inventory
Philippines PICCS	On or in compliance with the inventory
US TSCA Inventory	On or in compliance with the inventory



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New Zealand Inventory of Chemicals

On or in compliance with the inventory

US REGULATIONS

CERCLA Hazardous Substance List (40 cfr 302.4)

None present or none present in regulated quantities

Clean Water Act Section 311 Hazardous Substances(40 CFR 117.3)

None present or none present in regulated quantities

Clean Air Act CAA Section 112(r) Accidental Release Prevention (40 CFR 68.130)

None present or none present in regulated quantities

STATE REGULATIONS

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

No Ingredient regulated by CA Prop 65 present.

Massachusetts Right-To-Know List:

No Ingredient regulated by MA Right-To-Know List present.

New Jersey Right-To-Know- List

No Ingredient regulated by NJ Right-To-Know List present.

Pennsylvania Right-To-Know List

No Ingredient regulated by PA Right-To-Know List present

SARA TITLE III: Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

None present or none present in regulated quantities.

SECTION 16: OTHER INFORMATION

HMIS FORMAT

Health	1
Flammability	1
Reactivity	0

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