



## 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  
5642 White Mountain Ave  
PO Box 1339  
Lakeside AZ 85929  
928-537-8387  
[www.factor2.com](http://www.factor2.com)  
[sales@factor2.com](mailto: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.

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| <b>SWALLOWING</b>      | Low acute oral toxicity.                                   |
| <b>SKIN ABSORPTION</b> | No evidence of adverse effects from available information. |
| <b>INHALATION</b>      | Not likely                                                 |
| <b>SKIN CONTACT</b>    | Non-irritating.                                            |
| <b>EYE CONTACT</b>     | 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**

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

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

**SECTION 10: STABILITY AND REACTIVITY**

|                                                       |                                                                             |
|-------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>STABILITY</b>                                      | Stable.                                                                     |
| <b>CONDITIONS TO AVOID</b>                            | Contact with elevated temperatures<br>Open flame<br>Other ignition sources. |
| <b>MATERIAL/CHEMICAL TO BE AVOIDED</b>                | Strong bases<br>Acids<br>Oxidizing agents                                   |
| <b>HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS</b> |                                                                             |
| Thermal                                               | Dimethylcyclosiloxanes<br>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

|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| <b>ECOTOXICOLOGICAL INFORMATION</b> | Complete information not yet available. |
| <b>CHEMICAL FATE INFORMATION</b>    | 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 |
|----------------------|---------------|

### 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 |

**DISCLAIMER / STATEMENT OF LIABILITY:**

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