



## Factor II, Incorporated

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

## Safety Data Sheet

Product Code A-415

Date of issue: 06-09-2012

Revision Date: 05-05-2019

### SECTION 1: IDENTIFICATION

#### PRODUCT IDENTIFIER

Product Name : Impression Lubricant

Product Code : FX-300

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: COMPOSITION AND INFORMATION ON INGREDIENTS

#### Composition:

Name	CAS#	% by Weight
Cholesterol	57-88-5	100

<b>Toxicological Data on Ingredients:</b>	Cholesterol LD50	Not available
	LC50	Not available

### SECTION 3: HAZARD IDENTIFICATION

#### **Potential Acute Health Effects:**

Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.

#### **Potential Chronic Health Effects:**

Slightly hazardous in case of ingestion. CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.



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The substance may be toxic to blood, liver. Repeated or prolonged exposure to the substance can produce target organs damage.

### SECTION 4: FIRST-AID MEASURES

<b>Eye Contact:</b>	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention if irritation occurs.
<b>Skin Contact:</b>	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
<b>Serious Skin Contact:</b>	Not available.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Serious Inhalation:</b>	Not available.
<b>Ingestion:</b>	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Serious Ingestion:</b>	Not available.

### SECTION 5: FIRE-FIGHTING MEASURES

<b>Flammability of the Product:</b>	May be combustible at high temperature.
<b>Auto-Ignition Temperature:</b>	Not available.
<b>Flash Points:</b>	Not available.
<b>Flammable Limits:</b>	Not available.
<b>Products of Combustion:</b>	These products are carbon oxides (CO, CO <sub>2</sub> ).
<b>Fire Hazards in Presence of Various Substances:</b>	Slightly flammable to flammable in presence of heat.
<b>Explosion Hazards in Presence of Various Substances:</b>	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
<b>Fire Fighting Media and Instructions:</b>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.



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**Special Remarks on Fire Hazards:** Not available.

**Special Remarks on Explosion Hazards:** Not available.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

#### Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

### SECTION 7: HANDLING AND STORAGE

#### Precautions:

Keep away from heat. Keep away from sources of ignition and equipment containing material. Do not breathe dust. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible. Keep away from incompatibles such as oxidizing agents.

#### Storage:

Keep container tightly closed. Keep container in a cool, well-ventilated area. Sensitive to light. Store in light-resistant containers

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

#### Personal Protection:

Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

#### Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.



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**Exposure Limits:** Not available.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and appearance:</b>	Solid. (crystalline powder.)
<b>Odor:</b>	almost odorless.
<b>Taste:</b>	Not available.
<b>Molecular Weight:</b>	386.67 g/mole
<b>Color:</b>	White.
<b>pH (1% soln/water):</b>	Not available.
<b>Boiling Point:</b>	360°C (680°F)
<b>Melting Point:</b>	148°C (298.4°F) - 150 C.
<b>Critical Temperature:</b>	Not available.
<b>Specific Gravity:</b>	1.067 (Water = 1)
<b>Vapor Pressure:</b>	Not applicable.
<b>Vapor Density:</b>	Not available.
<b>Volatility:</b>	Not available.
<b>Odor Threshold:</b>	Not available.
<b>Water/Oil Dist. Coeff.:</b>	Not available.
<b>Ionicity (in Water):</b>	Not available.
<b>Dispersion Properties:</b>	See solubility in water, diethyl ether, acetone.
<b>Solubility:</b>	Soluble in diethyl ether, acetone. Very slightly soluble in cold water. Solubility in water: 0.2mg/100ml or 0.2% Slightly soluble in alcohol; more soluble in hot alcohol. Soluble in chloroform, pyridine, benzene, petroleum ether, oils, fats, aqueous solutions of bile salts. Solubility in ether: 1 g/2.8 ml ether. Solubility in chloroform: 1 g/4.5 ml chloroform. Solubility in pyridine: 1 g/1.5 ml pyridine.

### SECTION 10: STABILITY AND REACTIVITY

<b>Stability:</b>	The product is stable.
<b>Instability Temperature:</b>	Not available.
<b>Conditions of Instability:</b>	Excess heat, incompatible materials
<b>Incompatibility with various substances:</b>	Reactive with oxidizing agents.
<b>Corrosivity:</b>	Not considered to be corrosive for metals and glass.
<b>Special Remarks on Reactivity:</b>	Sensitive to light. Air sensitive. It is affected by light and air and turns yellow.
<b>Special Remarks on Corrosivity:</b>	Not available.



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**Polymerization:** Will not occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

**Routes of Entry:** Absorbed through skin. Inhalation.  
Ingestion.

**Toxicity to Animals:** LD50: Not available.  
LC50: Not available.

#### **Chronic Effects on Humans:**

CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. May cause damage to the following organs: blood, liver.

#### **Other Toxic Effects on Humans:**

Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

**Special Remarks on Toxicity to Animals:** Not available.

#### **Special Remarks on Chronic Effects on Humans:**

May cause adverse reproductive effects and birth defects (teratogenic) based on animal test data. No human data found. May affect genetic material (mutagenic)

#### **Special Remarks on other Toxic Effects on Humans:**

##### **Acute Potential Health Effects:**

**Skin:** May cause skin irritation. It may be absorbed through the skin. Low hazard for usual industrial handling.

**Eyes:** May cause mechanical eye irritation.

**Inhalation:** May cause respiratory tract irritation. Low hazard for usual industrial handling.

**Ingestion:** Ingestion of large amounts may cause gastrointestinal tract irritation with nausea, vomiting, diarrhea. Expected to be a low hazard for usual industrial handling.

##### **Chronic Potential Health Effects:**

**Ingestion:** Cholesterol is the principal sterol found in the body tissues of higher animals. Toxicity only seems to occur only after prolonged oral doses of medium to high amounts. Prolonged or repeated ingestion may affect the liver (changes in liver weight), spleen (changes in spleen weight), and blood (changes in serum composition; pigmented or nucleated red blood cells).

**Other symptoms** noted in the Registry of Toxic Effects of Chemical Substances include changes in cochlear function and structure, and changes in peripheral motor recordings. The toxicological properties in this substance have not been fully investigated.



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### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:**

Possibly hazardous short-term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:**

The product itself and its products of degradation are not toxic.

**Special Remarks on the Products of Biodegradation:** Not available.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### SECTION 14: TRANSPORT INFORMATION

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

### SECTION 15: REGULATORY INFORMATION

**Federal and State Regulations:**

TSCA 8(b) inventory: Cholesterol

**Other Regulations:**

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 910.1200).

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

**Other Classifications:**

**WHMIS (Canada):** Not controlled under WHMIS (Canada).

**DSCL (EEC):** Not applicable Not applicable.



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### HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

### National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard:

### Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

## SECTION 16: OTHER INFORMATION

### **PATENT WARNING:**

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*This is to certify that the above designated material has been tested and did comply with the listed specifications (with listed exceptions) when supplied in original container. The material is subject to the conditions listed on the invoice. The above is a copy of information on file. The lot acceptance data are available for examination. This is a*



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