

## Factor II, Incorporated

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

## Safety Data Sheet

Product Code A- 300-8

Date of issue: 07-01-2015

Revision Date: 07-05-2019

### SECTION 1: IDENTIFICATION

#### PRODUCT IDENTIFIER

Product Name THIXO FX

Product Code A-300-8

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 small amounts of formaldehyde as a byproduct of oxidative thermal decomposition beginning at approximately 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. Use good industrial hygiene practices to evaluate and control exposure to formaldehyde when warranted by conditions of use.

#### **ACUTE INGESTION**

Low acute oral toxicity.

#### **ACUTE SKIN ABSORPTION**

Non-irritating. Low acute dermal toxicity

#### **ACUTE INHALATION**

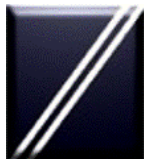
Inhalation not likely.

#### **EYE CONTACT**

May cause redness and irritation.

#### **CHRONIC EFFECTS**

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



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### SECTION 3: COMPOSITION// INFORMATION ON INGREDIENTS

%	MATERIAL	CAS#	OSHA Hazard
100	Silicone Polyether Copolymer	*****	N

### SECTION 4: FIRE-FIGHTING 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 persists or visual changes.

#### 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))** 356°F (AFNOR T 60103 EEC closed cup)

<b>FLAMMABLE LIMITS IN AIR (by volume)</b>	LOWER	N/A
	UPPER	N/A

#### EXTINGUISHING MEDIA

Dry chemical  
foam  
carbon dioxide

#### 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.



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### 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. Store away from incompatible materials (See section 10)

### MINIMUM/MAXIMUM STORAGE TEMPERATURES

41-77°F

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### INTRODUCTORY REMARKS

Check exposure limit guidelines for formaldehyde, a byproduct of oxidative thermal decomposition of dimethylsiloxane, if this product is handles above 300°F.

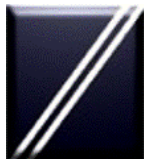
### OCCUPATIONAL EXPOSURE VALUES AND SOURCE

Exposure limits represent regulated or recommended worker breathing zone concentrations measured by validated sampling and analytical methods, meeting the regulatory requirements. The following limits apply to this material, where, if indicated, S=skin and C=ceiling limit:

	NOTES	TWA	STEL
ACGIH	S	0.1 mg/cu m	0.2mg/cu m

### RESPIRATORY PROTECTION

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



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normal conditions, in the absence of other airborne contaminants, the following devices should provide protection from this material up to the conditions specified by appropriate agencies. Air purifying (half-mask/full-face\_ respirator with cartridges/canister approved for use against organic vapors.

### EYE/FACE PROTECTION

It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

### SKIN PROTECTION

Skin contact should be minimized through use of gloves and suitable long-sleeved clothing. Consideration given to both durability as well as permeation resistance.

### WORK PRACTICE CONTROLS

Personal hygiene should be taken when working with or handling any chemical.

1. Do not store, use, or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
2. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
3. Wash exposed skin promptly to remove accidental splashes of contact with this material.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>BOILING POINT</b>	Not Available
<b>SPECIFIC GRAVITY</b>	1.04 @ 77°F
<b>VAPOR PRESSURE</b>	Not available
<b>VAPOR DENSITY (air=1)</b>	Not Available
<b>SOLUBILITY IN WATER (By wt)</b>	Soluble
<b>ODOR</b>	Odorless
<b>PHYSICAL STATE</b>	Pale yellow viscous liquid
<b>VISCOSITY</b>	1800cs @ 77°F

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>	Avoid contact with elevated temperatures, open flame and other ignition sources, static electricity, water, extreme humidity.



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### MATERIAL/CHEMICAL TO BE AVOIDED

Moisture,  
Water,  
Strong bases,  
Acids,  
Oxidizing agents

### DECOMPOSITION PRODUCTS:

#### Thermal

Dimethycyclosiloxanes  
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 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

No test data found for this product

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

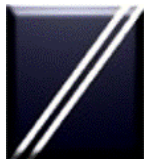
Dispose of in accordance with all Federal, State, and local regulations. Not EPA Hazardous Waste

## SECTION 14: TRANSPORT INFORMATION

### I.A.T.A. HAZARD CLASSIFICATION

Proper Shipping Name

Not regulated



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## SECTION 15: REGULATORY INFORMATION

### STATUS ON SUBSTANCE LISTS

The concentrations shown are maximum or ceiling levels (weight %) to be used for calculations for regulations.

<b>Inventory</b>	<b>Status</b>
United States (TSCA)	Y
Canada (DSL)	Y
Europe (EINECS/ELINCS)	P
Australia (AICS)	Y
Japan (MITI)	Y
South Korea (KECL)	Y

Y = All ingredients are on the inventory.

E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

## SECTION 16: OTHER INFORMATION

### HMIS FORMAT

Health	1
Flammability	1
Reactivity	0

### DISCLAIMER / STATEMENT OF LIABILITY:

Factor II, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and/or fire prevention as necessary or appropriate to the use and understanding of the data contained in this SDS.

To promote safe handling each customer or recipient should 1) notify and furnish its employees, agents, contractors, customers and/or others whom it knows or believes will use this material of the information regarding hazards or safety, and 2) request its customers to notify their employees, customers and other users of the product of this information.