



## Factor II, Incorporated

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

## Safety Data Sheet

Product Code A-106

Date of Issue: -07-31-2014

Revision Date: 01-14-2021

Factor II Inc. encourages the end user to read this document entirely and understand all sections of this SDS sheet prior to use. There is important information regarding this product. The end user is expected to follow all precautions outlined in this SDS.

### SECTION 1: IDENTIFICATION

#### **PRODUCT IDENTIFIER**

**Product Name :** Silicone Foam

**Product Code :** A-106

**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**

Factor II, Incorporated  
Americas : 1 928 368 7502  
Europe : (+) 1 928 368 7502  
Asia Pacific : (+) 1 928 368 7502  
Middle East / Africa: (+) 1 928 368 7502  
Australia : (+) 1 928 368 7502  
China : (+) 1 928 368 7502

### SECTION 2: HAZARD(S) IDENTIFICATION

#### **2.1 Classification of the Substance or Mixture**

##### **GHS-US Classification**

Repr. 2 H361

Full text of hazard classes and H-Statements: See Section 16

#### **2.2 Label Elements**

##### **GHS-US Labeling**

Hazard Pictograms (GHS-US)

**GHS08****Warning**

H361 – Suspected of damaging fertility or the unborn child.

P201 – Obtain special instructions before use.

P202 – Do not handle until all safety precautions have been read and understood.

P280 – Wear protective gloves, protective clothing, and eye protection.

P308+P313 – If exposed or concerned: Get medical advice/ attention.

P405 – Store locked up.

P501 – Dispose of contents/ container in accordance with local, regional, national and international regulations.

Single Word (GHS-US)

Hazard Statements (GHS-US)

Precautionary Statements (GHS-US)

**2.3 Other Hazards**Other Hazards not Contributing  
to the classificationExposure may aggravate pre-existing eye, skin, or  
respiratory conditions.**2.4 Unknown Acute Toxicity**

No data available

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances:** Not applicable**3.2 Mixture**

Name	Product Identifier	%	GHS-US Classification
Kieselguhr, Calcined*	(CAS No) 91053-39-3	< 20	STOT RE 1, H372
Octamethylcyclotetrasiloxane	(CAS No) 556-67-2	< 1	Flam. Liq. 3, H226 Repr. 2, H361 Aquatic Chronic 4, H413

\* Kieselguhr, calcined cause damage to health by prolonged exposure through inhalation. Since this product is in a liquid form, none of these components are able to become airborne and cannot be inhaled. Thus, the hazard usually associated with kieselguhr is not applicable to this product.

Full text of H-phrases: see Section 16

**SECTION 4: FIRST-AID MEASURES****4.1 Description of first aid measures**

First-aid measures general

Never give anything by mouth to an  
unconscious person. If you feel unwell, seek



	medical advice {show the label where possible).
First-aid measures after inhalation	When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

#### **4.2 Most important symptoms and effects, both acute and delayed**

Symptoms/injuries	Suspected of damaging fertility or the unborn child.
Symptoms/injuries after inhalation	Prolonged exposure may cause irritation.
Symptoms/injuries after skin contact	Prolonged exposure may cause skin irritation.
Symptoms/injuries after eye contact	May cause slight eye irritation.
Symptoms/injuries after ingestion	Ingestion may cause adverse effects.
Chronic symptoms	Suspected of damaging fertility or the unborn child.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

### **SECTION 5: FIRE-FIGHTING MEASURES**

#### **5.1 Extinguishing Media**

Suitable extinguishing media	Water spray, dry chemical, foam, carbon dioxide.
Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire.

#### **5.2 Specific hazards during fire**

Fire hazard	Not considered flammable but may burn at high temperatures
Explosion hazard	Product is not explosive
Reactivity	Hazardous reactions will not occur under normal conditions.



### **5.3 Advice for fire fighters**

Precautionary measures

Exercise caution when fighting any chemical fire.

Firefighting instructions

Use water spray or fog for cooling exposed containers.

Protection during firefighting

Do not enter fire area without proper protective equipment, including respiratory protection

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

General measures

Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray, gas).

#### **6.1.1 For non-emergency personnel**

Protective equipment

Use appropriate personal protection equipment (PPE).

Emergency procedures

Evacuate unnecessary personnel.

#### **6.1.2 For emergency responders**

Protective equipment

Equip cleanup crew with proper protection.

Emergency procedures

Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

### **6.2 Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### **6.3 Methods and materials for containment and cleanup**

For containers

Contain any spills with dikes or absorbent to prevent migration and entry into sewers or streams.

Methods for clean-up

Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### **6.4 Reference to Other Sections**

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

**Precautions for safe handling** Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. do NOT breathe (vapor, mist, spray).

**Hygiene measures** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work

**7.2 Conditions for safe storage, including any incompatibilities**

Technical measures Comply with applicable regulations

Storage conditions Keep container closed when not in use. Store in a dry, cool and well-ventilated place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible products Strong acids, strong bases. Strong oxidizers.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1 Control parameters**

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), or OSHA (PEL).

<b>Cristobalite (14464-46-1)</b>		
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	0.025 mg/m <sup>3</sup>
<b>Quartz (14808-60-7)</b>		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.025 mg/m <sup>3</sup> (respirable particulate matter)
USA ACGIH	ACGIH chemical category	A2 - Suspected Human Carcinogen
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	50 µg/m <sup>3</sup>

**8.2 Exposure controls**

Appropriate Engineering Controls Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed



Personal Protective Equipment

Protective goggles. Gloves. Protective clothing



Materials for protective clothing

Chemically resistant materials and fabrics.

Respiratory

Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Eye/Face

Chemical goggles or safety glasses.

Hands

Wear chemically resistant protective gloves.

Skin/Body

Wear suitable protective clothing.

Environmental exposure controls

Do not allow the product to be released into the environment.

Consumer exposure controls

Do not eat, drink, or smoke during use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties:

Physical state	Liquid
Appearance	Tan
Odor	Odorless
Vapor pressure	No data available
Odor threshold	No data available
pH	No data available
Relative vapor density @ 20°C	No data available
Relative density	> 1
Melting point/freezing point	No data available
Boiling point	No data available
Solubility	No data available
Flash point	> 135 °C (275 °F)
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available

### 9.2 Other information

No other information available.

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

Hazardous reactions will not occur under normal conditions.

**10.2 Chemical Stability**

Stable under recommended handling and storage conditions (see section 7).

**10.3 Possibility of Hazardous Reactions**

Hazardous polymerization will not occur.

**10.4 Conditions to Avoid**

Direct sunlight, extremely high or low temperatures, and incompatible materials.

**10.5 Incompatible Materials**

Strong acids, strong bases, strong oxidizers.

**10.6 Hazardous Decomposition Products**

Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapors. Formaldehyde is potential carcinogen and can act as a potential skin and respiratory sensitizer. Formaldehyde can also cause respiratory and eye irritation.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 information on Toxicological Effects**

Acute Toxicity : Not Classified

**Quartz (14808-60-7)**

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg

**Octamethylcyclotetrasiloxane (556-67-2)**

LD50 oral rat	1540 mg/kg
LD50 dermal rabbit	794 µl/kg
LD50 inhalation rat	36 g/m <sup>3</sup> (Exposure time: 4h)

Skin Corrosion/ Irritation Not classified.

Serious Eye damage/irritation Not classified.

Respiratory or skin sensitization Not classified.

Germ Cell Mutagenicity Not classified.

Carcinogenicity Not classified. (This product is in a liquid form; The (CAS No) 14808-60-7 (Quartz) is not bioavailable nor able to become airborne and cannot be inhaled. Thus, the hazards usually associated with (CAS No) 14808-60-7 are not applicable to this product.)

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

Ecology – General

Not Classified.

**Octamethylcyclotetrasiloxane (556-67-2)**

LC50 Fish 1	> 500 mg/l (Exposure time: 96 h – Species: Brachydanio rerio)
LC50 Fish 2	> 1000 mg/l (Exposure time: 96 h – Species: Lepomis macrochirus)

**12.2 Persistence and Degradability****R-2370 Part A**

Persistence and Degradability	Not Established.
-------------------------------	------------------

**12.3 Bioaccumulative Potential****R-2370 Part A**

Bioaccumulative Potential	Not Established.
---------------------------	------------------

**Octamethylcyclotetrasiloxane (556-67-2)**

BCF Fish 1	12400
Log Pow	5.1

**12.4 Mobility in Soil**

No additional information available.

**12.5 Other Adverse Effects**

Other Information

Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste Treatment Methods**

Waste Disposal Recommendations

Dispose of contents/ container in accordance with local regional, national and international regulations.

Additional Information

Container may remain hazardous when empty.  
Continue to observe all precautions.

Ecology – Waste Materials

Avoid release to the environment.

**SECTION 14: TRANSPORT INFORMATION**

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have known at the time the SDS was issued.

**14.1 In Accordance with DOT** Not regulated for transport.**14.2 In Accordance with IMDG** Not regulated for transport.**14.3 In Accordance with IATA** Not regulated for transport.



**SECTION 15: REGULATORY INFORMATION****15.1 US Federal Regulations**

All components in this mixture are listed on the United States Environmental Protection Agency Toxic Substance Control Act (TSCA) Inventory, have been exempted, are not listed, not disclosed due to CBI requirements or disclosure rules according to the relevant regulation.

**R-2370 Part A**

SARA Section 311/312 Hazard Classes	Health Hazard – Reproductive toxicity
-------------------------------------	---------------------------------------

**15.2 US State Regulation****Silica, Crystalline (general form)(Not Applicable)**

U.S. – California – Proposition 65 – Carcinogens list	WARNING: This product contains chemicals known to the State of California to cause cancer.
-------------------------------------------------------	--------------------------------------------------------------------------------------------

**Quartz (14808-60-7)**

U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)  
U.S. - Idaho - Occupational Exposure Limits - Mineral Dusts  
U.S. - Illinois - Toxic Air Contaminant Carcinogens  
U.S. - Illinois - Toxic Air Contaminants  
U.S. - Maine - Chemicals of High Concern  
RTK - U.S. - Massachusetts - Right To Know List  
U.S. - Michigan - Occupational Exposure Limits - TWAs  
U.S. - Minnesota - Chemicals of High Concern  
U.S. - Minnesota - Hazardous Substance List  
U.S. - Minnesota - Permissible Exposure Limits - TWAs  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual  
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New Jersey - Special Health Hazards Substances List  
U.S. - New York - Occupational Exposure Limits - Mineral Dusts  
U.S. - New York - Occupational Exposure Limits - TWAs  
U.S. - Oregon - Permissible Exposure Limits - Mineral Dusts  
U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups  
RTK - U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Tennessee - Occupational Exposure Limits - TWAs  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term  
U.S. - Vermont - Permissible Exposure Limits - TWAs  
U.S. - Washington - Permissible Exposure Limits - STELs  
U.S. - Washington - Permissible Exposure Limits - TWAs



**Silica, crystalline (general form) (Not Applicable)**

U.S. - Illinois - Toxic Air Contaminant Carcinogens  
U.S. - Maine - Chemicals of High Concern  
U.S. - Massachusetts - Toxics Use Reduction Act  
U.S. - Minnesota - Chemicals of High Concern  
U.S. - New York - Priority Chemical Avoidance List

**Octamethylcyclotetrasiloxane (556-67-2)**

U.S. - Maine - Chemicals of High Concern  
U.S. - Minnesota - Chemicals of High Concern  
U.S. - Minnesota - Chemicals of High Concern - Persistent Bioaccumulative Toxins  
U.S. - Oregon - Priority Persistent Pollutant - Tier I - Persistent Pollutants  
U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term

**SECTION 16: OTHER INFORMATION**

Other Information

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Aquatic Chronic 4	Hazardous to the aquatic environment – Chronic Hazard Category 4
Flam. Liq. 3	Flammable Liquids Category 3
Repr. 2	Reproductive toxicity Category 2
STOT RE 1	Specific Target Organ Toxicity (Repeat Exposure – Category 1
H226	Flammable liquid and vapor
H361	Suspected of damaging fertility or the unborn child
H372	Causes damage to lungs through prolonged or repeated exposure by inhalation.
H413	May cause long lasting harmful effects to aquatic life

NFPA Health Hazard

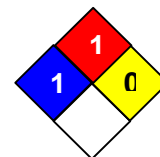
1- Materials that, under emergency conditions, can cause significant irritation.

NFPA Fire Hazard

1- Materials that must be preheated before ignition can occur.

NFPA Reactivity Hazard

0- Material that in themselves are normally stable, even under fire conditions.





## Factor II, Incorporated

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

## Safety Data Sheet

Product Code A-106

Date of Issue: -07-31-2014

Revision Date: 01-14-2021

HMIS III Rating Health

1- Slight hazard – Irritation or minor reversible injury possible  
Chronic long term health effects may result from repeated  
overexposure.

Flammability

1 Slight Hazard

Physical

0 Minimal Hazard

### DISCLAIMER / STATEMENT OF LIABILITY

This is a computer-generated document that is valid without a signature.

The information above is supplied in good faith and, to the best of our knowledge, is based on available sources believed to be reliable and accurate. This document and any information provided herein are for your guidance only. The use by the requestor are beyond Factor II control; therefore, the responsibility for appropriate and safe use of the above information lies the End user. Factor II shall not be responsible for any misuse and/or misapplication of the information in this document.

### SECTION 1: IDENTIFICATION

#### PRODUCT IDENTIFIER

**Product Name**      A-106 catalyst

**Product Code**      A-106 B

**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**

### **2.1 Classification of the substance or mixture**

GHS-US classification

Eye Dam. 1 H318

Skin Sens. 1 H317

Repr. 2 H361

Aquatic Chronic 3 H412

Full text of hazard classes and H-statements: see section 16

### **2.2 Label elements**

#### **GHS-US labeling**

Hazard pictograms (GHS-US)



Signal Word

**DANGER**

Hazard statements (GHS-US)

H317 - May cause an allergies skin reaction

H318 - Causes serious eye damage

H361 - Suspected of damaging fertility or the unborn child

H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (GHS-US)

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P261 - Avoid breathing vapors, mist, spray

P272 - Contaminated work clothing must not be allowed out of the workplace

P273 - Avoid release to the environment

P280 - Wear protective gloves, protective clothing, eye protection, face shield

P302+P352 - if on skin: Wash with plenty of water.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313 - If exposed or concerned: Get medical advice/attention.

P310 - Immediately call a poison center or doctor. P321 - Specific treatment (see Section 4 on this SDS).

P333+P313 - If skin irritation or rash occurs: Get medical



advice/attention.

P363 - Wash contaminated clothing before reuse.

P405 - Store locked up.

PS01 - Dispose of contents/container in accordance with local, regional, national, and international regulations

**2.3 Other hazards**

Other hazards not contributing to the classification

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

**2.4 Unknown acute toxicity (GHSUS)**

No data available

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substance**

Name

MP3496

CAS No

301-10-0

Name	Product identifier	%	GHS-US classification
Hexanoic acid, 2-ethyl-, tin(2+) salt (2:1)	(CAS No) 301-10-0	100	Eye Dom., 1 H318 Skin Sens. 1, H317 Repr. 2, H361 Aquatic Chronic 3, H412

Full text of H-phrases: see section16

**3.2 Mixture**

Not applicable.

**SECTION 4: FIRST-AID MEASURES****4.1 Description of first aid measures**

First-aid measures general

Never give anything by mouth to an unconscious person. If you feel unwell. Seek medical advice {show the label if possible}.

First-aid measures after inhalation

Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

First-aid measures after skin contact

Remove contaminated clothing Rinse gently with plenty of soap and water followed by rinsing with water for at least 15 minutes. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.

First-aid measures after eye contact

Rinse cautiously with water for at least 60 minutes. Remove contact lenses, if present



	and easy to do. Continue rinsing. Obtain medical attention
First-aid measures after ingestion	Do NOT induce vomiting, Rinse mouth. Seek medical attention immediately.

#### **4.2 Most important symptoms and effects, both acute and delayed**

Symptoms/injuries	May cause an allergic skin reaction. Causes serious eye damage. Suspected damage to fertility or the unborn child.
Symptoms/injuries after inhalation	Overexposure may be irritation to the respiratory system.
Symptoms/injuries after skin contact	May cause an allergic skin irritation. Symptoms may include: redness, pain, swelling, itching, burning, dryness, and dermatitis.
Symptoms/injuries after eye contact	Causes serious eye damage. Symptoms may include: redness, pain, swelling, itching, burning, tearing, and blurred vision. Causes permanent damage to the cornea, iris, or conjunctiva.
Symptoms/injuries after ingestion	Ingestion is likely to be harmful or have adverse effects
Chronic symptoms	Suspected of damaging fertility. Suspected of damaging the unborn child

#### **4.3 Indication of any immediate medical attention and special treatment needed**

If you feel unwell, seek medical advice (show the label where possible).

### **SECTION 5: FIRE-FIGHTING MEASURES**

#### **5.1 Extinguishing Media**

Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire
Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity

#### **5.2 Special hazards arising from the substance or mixture**

Fire hazard	Not considered flammable but may burn at high temperatures
-------------	------------------------------------------------------------



Explosion hazard

Product is not explosive

Reactivity

Hazardous reactions will not occur under normal conditions.

### **5.3 Advice for fire fighters**

Precautionary measures

Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present

Firefighting instructions

Use water spray or fog for cooling exposed containers. Do not allow the run-off from firefighting to enter drains or water sources.

Protection during firefighting

Do not enter fire area without proper protective equipment, including respiratory protection

Other information

Refer to Section 9 for flammability properties

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment, and emergency procedures**

General measures

Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray, gas).

#### **6.1.1 For non-emergency personnel**

Protective equipment

Use appropriate personal protection equipment (PPE).

Emergency procedures

Evacuate unnecessary personnel.

#### **6.1.2 For emergency responders**

Protective equipment

Equip cleanup crew with proper protection.

Emergency procedures

Stop leak if safe to do so. Ventilate area.

### **6.2 Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enter sewers or public waters.

### **6.3 Methods and materials for containment and cleanup**

For containers

Contain any spills with dikes or absorbent to prevent migration and entry into sewers or streams.

Methods for clean-up

Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill

### **6.4 Reference to other sections**

See Heading 8. Exposure controls and personal protection. For further information refer to section 13





## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Precautions for safe handling	Obtain Special instructions before use. Do not handle until all safety precautions have been read and understood.
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work

### 7.2 Conditions for safe storage, including any incompatibilities

Technical measures	Comply with applicable regulations
Storage conditions	Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible products	Strong acids, strong bases. Strong oxidizers.

### 7.3 Specific end use(s)


As a polymerization catalyst for hydroxide end-blocked polymers. For professional use only.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), or OSHA (PEL).

### 8.2 Exposure controls

Appropriate Engineering Controls	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed
Personal Protective Equipment	Protective goggles. Gloves. Protective clothing 
Materials for protective clothing	Chemically resistant materials and fabrics.
Respiratory	If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn





Eye/Face	Chemical safety goggles.
Hands	Wear chemically resistant protective gloves.
Skin/Body	Wear suitable protective clothing
Environmental exposure controls	Do not allow the product to be released into the environment
Consumer exposure controls	Do not eat, drink or smoke during use

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties:**

Physical state	Liquid
Appearance	Colorless to Amber
Odor	Slight
Vapor pressure	No data available
Odor threshold	No data available
pH	No data available
Relative vapor density @ 20°C	No data available
Relative density	No data available
Specific gravity	1.29
Melting point/freezing point	No data available
Boiling point	392 °F (200 °C)
Solubility	No data available
Flash point	217 °F (102.78 °C)
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available

**9.2 Other information**

VOC content	< 1 %
-------------	-------

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

Hazardous reactions will not occur under normal conditions.

**10.2 Chemical stability**

Stable under recommended handling and storage conditions (See Section7).

**10.3 Possibility of Hazardous reactions**

Hazardous polymerization will not occur.

**10.4 Conditions to avoid**

Direct sunlight. Extremely high or low temperatures. Ignitions sources. Incompatible materials.

**10.5 Incompatible materials**

Strong acids. Strong bases. Strong oxidizers.

**10.6 Hazardous decomposition products**

Thermal decomposition generates: Carbon oxides (CO, CO<sub>2</sub>). Oxides of tin.

**SECTION 11: TOXICOLOGICAL INFORMATION****Information on toxicological effects:****Acute Toxicity**

Not classified

<b>Hexanoic acid, 2-ethyl-, tin (2+) salt (:!) (301-10-0)</b>	
LD 50 oral rat	5.97 g/kg
LD 50 dermal rat	>2000 mg/kg body weight

**Identifies toxicological and health effects**

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Causes serious eye damage
Respiratory or skin sensitization	May cause an allergic skin reaction
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Suspected of damaging fertility or the unborn child
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified
Symptoms/injuries after inhalation	Overexposure may be irritating to the respiratory system
Symptoms/injuries after skin contact	May cause an allergic skin reaction. Symptoms may include redness, pain, swelling itching, burning, dryness, and dermatitis.
Symptoms/injuries after eye contact	Causes serious eye damage. Symptoms may include: redness, pain, swelling, itching, burning, tearing, and blurred vision. Causes permanent damage to the cornea, iris, or conjunctiva.
Symptoms/injuries after ingestion	Ingestion is likely to be harmful or have adverse effects
Chronic symptoms	Suspected of damaging fertility. Suspected of damaging the unborn child

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity****Ecology – general**

Harmful to aquatic life with long lasting effects.

**Hexanoic acid, 2-ethyl-, tin (2+) salt (2:1) (301-10-0)**

LC50 fish 1

> 116 mg/l (Exposure time: 96 hours.  
Species: *Oncorhynchus mykiss* [semi-static])**12.2 Persistence and degradability**

No additional information available

**12.3 Bioaccumulative potential**

No additional information available

**12.4 Mobility in soil**

No additional information available

**12.5 Other adverse effects**

Other information

Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste Treatment Methods**

Sewage disposal recommendation

This material is hazardous to the aquatic environment.  
Keep out of the sewers and waterways.

Waste disposal recommendations

Disposed of waste material in accordance with all local,  
regional, national, and international regulations**SECTION 14: TRANSPORT INFORMATION**

In accordance with DOT/ IMDG / IATA

**14.1 UN number**

Not applicable

**14.2 UN proper shipping name**

Not applicable

**14.3 Additional information**

Other information

No supplementary information available.

**Transport by sea**

No additional information available

**Air transport**

No additional information available



## SECTION 15: REGULATORY INFORMATION

### 15.1 US Federal regulations

All components of this product are listed or exempted from being listed on the United States Environmental Protection Agency Toxic Substance Control Act (TSCA) inventory.

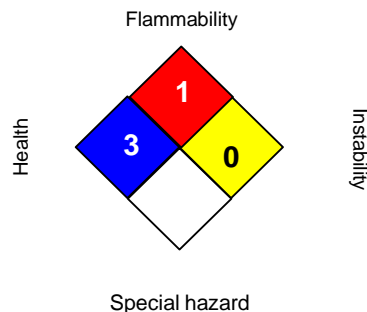
Hexanoic acid, 2-ethyl-, tin(2+) salt (2:1)(301-10-0)	
SARA Section 311/312 Hazard Classes	immediate (acute) health hazard Delayed (chronic) health hazard

### 15.2 US State regulation

Hexanoic acid, 2-ethyl-, tin(2+) salt (2:1) (301-10-0)
RTK - U.S. - Massachusetts - Right To Know List U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term

## SECTION 16: OTHER INFORMATION

### NFPA:



### HMIS III:

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High 4 = Extreme, \* = Chronic

### Full test of H-phrases

Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Repr.2	Reproductive toxicity Category 2
Skin Sens. 1	Skin sensitization Category 1
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H361	Suspected of damaging fertility or the unborn child
H412	Harmful to aquatic life with long lasting effects

NFPA health hazard

3 – short exposure could cause serious temporary or residual injury even though prompt medical attention was given.

NFPA fire hazard

1 Must be preheated before ignition can occur.



## Factor II, Incorporated

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

## Safety Data Sheet

Product Code A-106

Date of Issue: -07-31-2014

Revision Date: 01-14-2021

### NFPA reactivity

0 Normally stable, even under fire exposure conditions, and are not reactive with water.

### HMIS III Rating

Health

2- Moderate Hazard – Temporary or minor injury may occur.

Flammability

1 Slight Hazard

Physical

0 Minimal Hazard

### DISCLAIMER / STATEMENT OF LIABILITY

This is a computer-generated document that is valid without a signature.

The information above is supplied in good faith and, to the best of our knowledge, is based on available sources believed to be reliable and accurate. This document and any information provided herein are for your guidance only. The use by the requestor is beyond Factor II control; therefore, the responsibility for appropriate and safe use of the above information lies with the End user. Factor II shall not be responsible for any misuse and/or misapplication of the information in this document.