



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name Silicone Elastomer

Product Code A-588 A

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
sales@factor2.com

EMERGENCY TELEPHONE NUMBERS

928- 368-7502

SECTION 2: HAZARD IDENTIFICATION

Classification of the Substance or Mixture

GHS-US Classification

Repr. 2 H361

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

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



GHS08

Signal Word (G HS-US)

Warning

Hazard Statements (GHS -US)

H361 - Suspected of damaging fertility or the unborn child



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

Precautionary Statements (GHS- US)

- 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.

Other Hazards

Other Hazards Not Contributing to the Classification

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

Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not applicable

Mixture

Name	Product Identifier	%	GHS-US Classification
Silanamine, 1, 1, 1 -trimethyl-N - (trimethylsilyl) -, hydrolysis products with silica	(CAS-No.) 68909-20-6	10 - 30	Not classified
Octamethylcyclotetrasiloxane	(CAS-No.) 556-67-2	< 1	Flam. Liq. 3, H226 Repr. 2, H361 Aquatic Chronic 4, H413

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

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.



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

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.

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 irritation to eyes.
Symptoms/Injuries After Ingestion	May cause adverse effects.
Chronic Symptoms	Suspected of damaging fertility or the unborn child.

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

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.

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.

Advice for Firefighters

Precautionary Measures Fire Exercise caution when fighting any chemical fire.

Firefighting Instructions Use water spray or fog for cooling exposed containers.



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

Protection During Firefighting

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment And Emergency Procedures

General Measures

Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

For Non-Emergency Personnel

Protective Equipment

Use appropriate personal protective equipment (PPE).

Emergency Procedures

Evacuate unnecessary personnel.

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.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Materials for Containment and Cleaning Up

For Containment

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

Methods for Cleaning Up

Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections

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



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

SECTION 7: HANDLING AND STORAGE

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.

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 place. Keep/Store away from direct sun light, extremely high or low temperatures and incompatible materials.

Incompatible Materials

Strong acids, strong bases, strong oxidizers

Specific End Use(s)

For professional use only.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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)

Silanamine, 1,1,1-trimeth 1-N- (trimethylsilyl)-, hydrolysis products with silica (68909-20-6)		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	6 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	20mppcf (80mg/m ³ /%SiO 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

Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021



Materials For Protective Clothing Chemically resistant materials and fabrics

Hand Protection Wear protective gloves.

Eye And Face Protection Chemical safety goggles.

Skin And Body Protection Wear suitable protective clothing.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (Based on typical material)

Physical State	Liquid
Appearance	Colorless
Odor	Odorless
Odor Threshold	No data available
pH	No data available
Evaporation Rate	No data available
Melting Point	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	> 135* C (275* F)
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	Not applicable
Vapor Pressure	No data available
Relative Vapor Density at 20°C	No data available
Relative Density	> 1
Solubility	No data available
Partition Coefficient n-Octanol/Water	No data available
Viscosity	No data available
Other Information	No additional information available



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity	Hazardous reactions will not occur under normal conditions.
Chemical Stability	Stable under recommended handling and storage conditions (see section 7).
Possibility of Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Direct sunlight, extremely high or low temperatures, and incompatible materials.
Incompatible Materials	Strong acids, strong bases, strong oxidizers.
Hazardous Decomposition Products	Will decompose above 150 °C (> 300 °F) releasing formaldehyde vapors. Formaldehyde is a potential carcinogen and can act as a potential skin and respiratory sensitizer. Formaldehyde can also cause respiratory and eye irritation.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Acute Toxicity Not classified

Octamethylcyclotetrasiloxane (556-67-2)	
LD50 Oral Rat	1540 mg/kg
LD50 Dermal Rabbit	794 µl/kg
LC50 Inhalation Rat	36 g/m ³ (Exposure time: 4 h)

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

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



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

Aspiration Hazard	Not classified
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 irritation to eyes
Symptoms/Injuries After Ingestion	Ingestion may cause adverse effects.
Chronic Symptoms	Suspected of damaging fertility or the unborn child.

SECTION 12: ECOLOGICAL INFORMATION

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)

Persistence and Degradability

A-588 A	
Persistence and Degradability	Not established.

Bioaccumulative Potential

A-588 A	
Bioaccumulative Potential	Not established.
Octamethylcyclotetrasiloxane (556-67-2)	
BCF Fish 1	12400
Log Pow	5.1

Mobility In Soil No additional information available

Other Adverse Effects

Other Information Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste Disposal Recommendations

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



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

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 been known at the time the SDS was issued.

In Accordance with DOT Not regulated for transport

In Accordance with IMDG Not regulated for transport

In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

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

A-588 A

SARA Section 311/312 Hazard Classes

Health hazard - Reproductive toxicity

US State Regulations

Silanamine, 1,1,1-trimeth 1-N- (trimethylsilyl)-, hydrolysis products with silica (68909-20-6)

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

Octamethyleclotetrasiloxane 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 Screen in Levels - Short Term



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
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
H226	Flammable liquid and vapor
H302	Harmful if swallowed
H361	Suspected of damaging fertility or the unborn child
H413	May cause long lasting harmful effects to aquatic life

NFPA Health Hazard

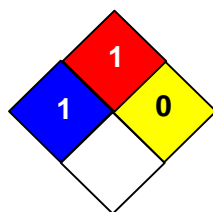
1 - Materials that, under emergency conditions, can cause significant irritation.

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.



HMIS III Rating Health

1 Slight Hazard - Irritation or minor reversible injury possible
* Chronic - Chronic (long-term) health effects may result from repeated overexposure

Flammability

1 Slight Hazard

Physical

0 Minimal Hazard

DISCLAIMER / STATEMENT OF LIABILITY:



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

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 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.

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.

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name Silicone Elastomer

Product Code A-588 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



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

sales@factor2.com

EMERGENCY TELEPHONE NUMBERS

928- 368-7502

SECTION 2: HAZARD IDENTIFICATION

Classification of the substance or mixture

GHS-US classification

Repr. 2	H361
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
STOT SE 3	H335

Full text of H-phrases: see section 16

Label elements GHS-US labeling

Hazard pictograms (GHS- US)



Signal word (GHS-US)

Warning

Hazard statements (GHS-US)

H361 - Suspected of damaging fertility or the unborn child

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

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, or spray.

P264 - Wash hands thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear eye protection, protective gloves.

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

P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.

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



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

P308+P313 - If exposed or concerned: Get medical advice/attention. P312 - Call a poison center or doctor if you feel unwell.

P321 - Specific treatment (see section 4 on this SDS),

P332+P313 - If skin irritation occurs: Get medical advice/ attention.

P337+P313 - If eye irritation persists: Get medical advice/ attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P405 - Store locked up.

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

Other hazards

Other hazards not contributing to the classification

No additional information available

Unknown acute toxicity (GHS US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable

Mixture

Name	Product identifier	%	GHS-US classification
Siloxanes and Silicones, dimethyl, methyl hydrogen	(CAS No) 68037-59-2	50- 60	Skin Irrit. 2, H315 Eye Irrit. 2A H319 STOT SE 3, H335
Octamethylcyclotetrasiloxane	(CAS-No.) 556-67-2	< 1	Flam. Liq. 3, H226 Repr. 2, H361 Aquatic Chronic 4. H413

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description of first aid measures



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

First-aid measures general

If medical advice is needed, have product container or label at hand.

First-aid measures after inhalation

If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact

Remove contaminated clothing. Gently wash 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

Immediately rinse with water for a prolonged period (at least 15 minutes) while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

First-aid measures after ingestion

Do not induce vomiting. Seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries

Causes eye irritation. Causes skin irritation. Irritation of respiratory tract.

Symptoms/injuries after inhalation

Inhalation of fumes or vapours may cause respiratory irritation.

Symptoms/injuries after skin contact

Causes skin irritation.

Symptoms/ injuries after eye contact

Causes eye irritation,

Symptoms/injuries after ingestion

Ingestion is likely to be harmful or have adverse effects.

Indication of any immediate medical attention and special treatment needed

If medical advice is needed, have product container or label at hand,

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

For large fire: Alcohol-resistant foam. Universal-type foam
For small fire: Water spray. Carbon dioxide. Dry chemical.



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

Unsuitable extinguishing media Do not use a heavy water stream. Use of heavy stream of water may spread fire. Water or foam may cause frothing.

Special hazards arising from the substance or mixture

Fire hazard Not considered flammable but will burn at high temperatures. Under conditions of fire this material may produce: Carbon oxides (CO, CO₂). Silicon oxides. Low molecular weight hydrocarbon fragments.

Explosion hazard Product is not explosive.

Reactivity Stable at ambient temperature and under normal conditions of use.

Advice for firefighters

Precautionary measures fire

Under fire conditions, hazardous fumes will be present.

Firefighting instructions

Do not breathe fumes from fires or vapours from decomposition. Exercise caution when fighting any chemical fire.

Protection during firefighting

Use normal individual fire protective equipment. Use self-contained breathing apparatus when fighting fire in an enclosed area.

Other information

Do not use a solid water stream as it may scatter and spread fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment Wear suitable protective clothing, gloves and eye/face protection.

Emergency procedure Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

For emergency responders

Protective equipment Wear suitable protective clothing, gloves and eye/face protection.



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

Emergency procedures

If possible, stop flow of product. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Environmental precautions

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

Methods and material for containment and cleaning up

For containment

Absorb and/or contain spill with inert material, then place in suitable container.

Methods for cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Collect absorbed material and place into a sealed, labelled container for proper disposal.

Reference to other sections

See heading 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Additional hazards when processed

Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

Precautions for safe handling

Use appropriate personal protective equipment when handling and observe good personal hygiene measures after handling. Avoid contact with skin and eyes. Do not breathe vapours.

Hygiene measures

Always wash your hands immediately after handling this product, and once again before leaving the workplace.

Conditions for safe storage, Including any Incompatibilities

Storage conditions

Store in a dry, cool place. Keep container tightly closed. Store in original container.

Incompatible materials

Reacts with (strong) oxidizers



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

Storage area

Store away from heat.

Special rules on packaging

Keep container closed when not in use.

Specific end use(s)

For professional use only.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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), NIOSH (REL), or OSHA (PEL).

Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Personal protective equipment

Gloves. Safety glasses. Protective clothing. Insufficient ventilation: wear respiratory protection



Materials for protective clothing Chemically resistant materials and fabrics.

Hand protection Nitrile rubber (NBR) / Vinyl gloves.

Eye protection Safety glasses.

Skin and body protection Wear suitable protective clothing.

Respiratory protection In case of inadequate ventilation wear respiratory protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (Based on typical material)

Physical State

Liquid

Appearance

Colorless

Odor

Odorless

Odor Threshold

No data available



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

pH	No data available
Evaporation Rate	No data available
Melting Point	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	> 135* C (275* F)
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	No data available
Vapor Pressure	No data available
Relative Vapor Density at 20°C	No data available
Relative Density	> 1 (Water=1)
Solubility	Water: Insoluble
Partition Coefficient n-Octanol/Water	No data available
Viscosity	No data available

Other Information

No additional information available

SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity

Contact with water, alcohols, acids or bases, and many metals or metallic compounds can liberate flammable Hydrogen gas which can form explosive mixtures in air.

Chemical Stability

Stable at normal conditions.

Possibility of Hazardous Reactions

Evolved hydrogen gas is flammable and may form explosive mixtures with air.

Conditions to Avoid

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

Incompatible Materials

Water, alcohols, acids, bases, strong oxidizing agents, catalytic metals, metallic compounds.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition product: Flammable hydrogen gas. Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Acute Toxicity Not classified

Octamethylcyclotetrasiloxane (556-67-2)	
LD50 Oral Rat	1540 mg/kg
LD50 Dermal Rabbit	794 µl/kg
LC50 Inhalation Rat	36 g /m ³ (Exposure time: 4 h)

Skin Corrosion/Irritation Causes skin irritation

Serious Eye Damage/Irritation Causes serious eye irritation

Respiratory or Skin Sensitization Not classified

Germ Cell Mutagenicity Not classified

Carcinogenicity Not classified

Reproductive Toxicity Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure) May cause respiratory irritation

Specific Target Organ Toxicity (Repeated Exposure) Not classified

Aspiration Hazard Not classified

Symptoms/Injuries After Inhalation Inhalation of fumes or vapours may cause respiratory irritation

Symptoms/Injuries After Skin Contact Causes skin irritation.

Symptoms/Injuries After Eye Contact Causes eye irritation

Symptoms/Injuries After Ingestion Ingestion is likely to be harmful or have adverse effects.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

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)



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

Persistence and Degradability

No additional information available

Bioaccumulative Potential

Octamethylcyclotetrasiloxane (556-67-2)	
BCF Fish 1	12400
Log Pow	5.1

Mobility In Soil

No additional information available

Other Adverse Effects

No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Sewage disposal recommendations

Do not empty into drains; dispose of this material and its container in a safe way.

Waste disposal recommendations

Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

In accordance with DOT/ IMDG / IATA

UN number

Not Regulated

UN proper shipping name

Not applicable

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

US Federal Regulations

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



Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021

A-588 B	
SARA Section 311/312 Hazard Classes	Health hazard - Reproductive toxicity

US State Regulations

Octamethleclotetrasiloxane 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 Screen in Levels - Short Term

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

GHS Full Text Phrases:

Aqua tic Chronic 4	Hazardous to the aquatic environment - Chronic Hazard Category 4
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Fla m. Liq. 3	Flammable liquids Category 3
Re p r. 2	Reproductive toxicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STO T SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H361	Suspected of damaging fertility or the unborn child
H413	May cause long lasting harmful effects to aquatic life

NFPA Health Hazard

1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA Fire Hazard

1 - Must be heated before ignition can occur.

NFPA Reactivity Hazard

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



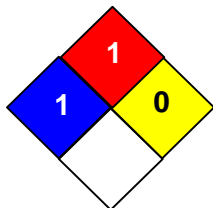
Factor II, Incorporated

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

Safety Data Sheet

Product Code: A-588 A & B

Revision Date: 07/09/2021



HMIS III Rating Health

1 Slight Hazard - Irritation or minor reversible injury possible

* Chronic - Chronic (long-term) health effects may result from repeated overexposure

Flammability

1 Slight Hazard

Physical

0 Minimal Hazard

DISCLAIMER / STATEMENT OF LIABILITY:

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 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.

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.