

SILICONES, INC.
SAFETY DATA SHEET

GI-386B

SECTION 1 - IDENTIFICATION

Product Name: GI-386B

Company name of supplier: Silicones, Incorporated

Address : P. O. Box 363
211 Woodbine Street
High Point, NC 27261

Telephone: 336-886-5018

Emergency telephone: CHEMTREC
800-424-9300

Recommended use: Industrial mold making. Not for internal or medical use.

SECTION 2 - HAZARDS IDENTIFICATION

GHS Classification: Not a hazardous substance or mixture

GHS label elements: None

Other hazards: None known

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical nature: Silicone elastomer

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>EXPOSURE LIMITS</u>
Polydimethylsiloxane, hydroxyl terminated	70131-67-8	Nonhazardous
Quartz (crystalline silicon dioxide)	14808-60-7	0.025 mg/m ³ over 8 hours
Diatomaceous earth	68855-54-9	Not available
Tetrapropyl orthosilicate	682-01-9	Not available

SECTION 4 – FIRST AID MEASURES

Skin contact: Wash with soap and water.

Eye Contact: Flush eyes with large quantities of water for at least 15 minutes. Consult a physician.

Ingestion: Consult a physician.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, chemical foam, sand, carbon dioxide

Specific hazards: Combustion products may be hazardous.

Hazardous combustion products: carbon monoxide, carbon dioxide, silicon dioxide

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus if necessary, use personal protective equipment.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Prevent spills from entering water systems, storm sewers or drains, etc. Cover spill with an absorbent material such as sand or sawdust. Scoop up and place in an appropriately marked container.

SECTION 7 – HANDLING AND STORAGE

Handle in accordance with good industrial safety procedures.

Store at temperatures between 32 and 80 °F.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits of mixture: not applicable

Use personal protective gear such as rubber gloves, rubber or plastic apron, and eye protection (safety glasses or chemical splash goggles.)

Local ventilation is acceptable. Personal respiratory protective equipment is not normally required.

Do not eat, drink or smoke in work area.

Wash hands after handling product and at end of shift.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to off-white liquid

Odor: Little to none

Odor threshold: No data available

Relative Density: 1.15
Melting point/freezing point: No data available
Initial boiling point/boiling range: No data available
Flammability (solid, gas): Not applicable
Lower flammability limit: No data available
Upper flammability limit: No data available
Flash point: Greater than 210 °F
Auto ignition temperature: No data available
Decomposition temperature: Greater than 350 °F
Vapor pressure: No data available
Vapor density: No data available
pH: Not applicable
Solubility in water: Negligible
Partition coefficient, n-octanol/water: No data available
Evaporation rate: No data available
Explosive properties: Not explosive
Oxidizing properties: Not an oxidizing material
Viscosity: varies

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Not classified as a reactivity hazard.

Stability: Stable under normal ambient conditions.

Other:

Hazardous polymerization: Will not occur

Conditions to avoid: Ground containers during transfer to prevent static discharge.

Incompatible materials: Strong bases

Hazardous decomposition products: Carbon monoxide, carbon dioxide, silicon dioxide

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: Skin contact, eye contact, ingestion.

Skin contact: Temporary, reversible mild skin irritation may occur.

Eye contact: Temporary, reversible eye irritation may occur.

Ingestion: Temporary, reversible mild digestive irritation may occur.

Acute toxicity: Not applicable

Carcinogenicity: Not a carcinogen, based on available data.

SECTION 12 – ECOLOGICAL INFORMATION

No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

May be incinerated or land-filled under conditions complying with federal, state, and local environmental control regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT: Not regulated as a dangerous good.

UNRTDG: Not regulated as a dangerous good.

SECTION 15 – REGULATORY INFORMATION

TSCA: All ingredients in this material are included on or exempt from listing on the TSCA Inventory of Chemical Substances.

SECTION 16– OTHER

Version: 1.2

Revision date: 11/06/2019

Prepared by: DJ

SILICONES, INC.
SAFETY DATA SHEET

GI-386A

SECTION 1 - IDENTIFICATION

Product Name: GI-386A

Alternate names: Stannous octoate, T.O.

Company name of supplier: Silicones, Incorporated

Address : P. O. Box 363
211 Woodbine Street
High Point, NC 27261

Telephone: 336-886-5018

Emergency telephone: CHEMTREC
800-424-9300

Recommended use: Industrial mold making. Not for internal or medical use.

SECTION 2 - HAZARDS IDENTIFICATION

Classification (GHS/US)
Eye Dam. 1 H317
Skin Sens. 1 H318
Repr. 2 H361



Signal word: Danger

Hazard Statements: H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H361 Suspected of damaging fertility or the unborn child.

Precautionary Statements: P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing vapors, spray or mist.
P272 Contaminated clothing should not be allowed out of the workplace.
P280 Wear protective gloves, protective clothing, eye protection.
P281 Wear personal protective equipment as required.
P302+P352 If on skin: Wash with plenty of soap and water.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P308+P313 If exposed or concerned: Get medical advice/attention.
P310 If ingested: Immediately call a POISON control center or doctor/physician.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P405 Store locked up.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>EXPOSURE LIMITS</u>
Hexanoic acid, 2-ethyl, tin (2+) salt	301-10-0	2 mg/m ³ (as tin)

SECTION 4 – FIRST AID MEASURES

Skin contact: Wash with soap and water. Rinse with water for at least 15 minutes.

Eye Contact: Flush eyes with large quantities of water for at least 15 minutes. Consult a physician.

Inhalation: Remove to fresh air.

Ingestion: Do not induce vomiting. Consult a physician.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, chemical foam, sand, carbon dioxide.

Specific hazards: Combustion products may be hazardous.

Hazardous combustion products: Carbon monoxide, carbon dioxide, tin oxides.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus, use personal protective equipment.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Prevent spills from entering water systems, storm sewers or drains, etc. Cover spill with an absorbent material such as sand or other inert material. Do not use sawdust or cellulosic material. Scoop up and place in an appropriately marked container.

SECTION 7 – HANDLING AND STORAGE

Handle in accordance with good industrial safety procedures. Wash hands and other exposed areas before eating, drinking or smoking.

Store at temperatures between 32 and 80 °F.

Keep containers tightly closed when not in use. Store in a cool, dry place with good ventilation.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: 2 mg/m³ (as tin)

Use personal protective gear such as rubber gloves, rubber or plastic apron, and eye protection (safety glasses or chemical splash goggles.) Emergency eyewash fountain and shower should be available.

Provide exhaust ventilation to keep airborne concentration below exposure limits.

Do not eat, drink or smoke in work area. Wash hands after handling product and at end of shift.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow liquid.

Odor: Slight

Odor threshold: No data available

Relative Density: 1.25

Melting point/freezing point: No data available

Initial boiling point/boiling range: No data available

Flammability (solid, gas): Not applicable

Lower flammability limit: No data available

Upper flammability limit: No data available

Flash point: 137 °C (279 °F)

Auto ignition temperature: No data available

Decomposition temperature: No data available

Vapor pressure: No data available

Vapor density: No data available

pH: Not applicable

Solubility in water: Insoluble

Partition coefficient, n-octanol/water: No data available

Evaporation rate: No data available

Explosive properties: Not explosive

Oxidizing properties: Not an oxidizing material

Viscosity: 350 cps

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: No data available

Stability: Stable under normal ambient conditions.

Hazardous polymerization: Will not occur

Conditions to avoid: Direct sunlight, extremely high or low temperatures.

Incompatible materials: Strong bases, strong acids, oxidizing materials

Hazardous decomposition products: Carbon monoxide, carbon dioxide, tin oxides

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: Skin contact, eye contact, ingestion.

Skin contact: Causes skin irritation.

Eye contact: Causes serious eye irritation.

Ingestion: Likely to be harmful or have adverse effects.

Acute toxicity: Not available.

Carcinogenicity: Not a carcinogen, based on available data.

Reproductive toxicity: Suspected of damaging fertility or the unborn child.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid release to the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of waste in accordance with all federal, state, and local environmental control regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT: Not regulated as a dangerous good.

UNRTDG: Not regulated as a dangerous good.

SECTION 15 – REGULATORY INFORMATION

TSCA: All ingredients in this material are included on or exempt from listing on the TSCA Inventory of Chemical Substances.

SECTION 16– OTHER

Version: 1.1
Revision date: 11/06/2019
Prepared by: DJ