

**SILICONES, INC.**  
**SAFETY DATA SHEET**

**T.O.**

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**SECTION 1 - IDENTIFICATION**

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Product Name: T.O.

Alternate names: Stannous octoate, XT-386A

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.

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**SECTION 2 - HAZARDS IDENTIFICATION**

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Signal word: Warning

Hazard Statements: H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation

Precautionary Statements: P261 Avoid breathing vapors, spray or mist  
P280 Wear eye protection, protective clothing, and protective gloves.  
P302 If material contacts skin, wash with plenty of soap and water  
P305 If material gets in eyes, rinse with large amounts of water  
P362 Remove contaminated clothing and wash before reuse

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**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

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

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## **SECTION 4 – FIRST AID MEASURES**

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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: Consult a physician.

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

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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.

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## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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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.

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## **SECTION 7 – HANDLING AND STORAGE**

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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.

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## **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Exposure limits: 2 mg/m<sup>3</sup> (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.

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## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

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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: > 400 °C (752 °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

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## **SECTION 10 – STABILITY AND REACTIVITY**

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Reactivity: No data available

Stability: Stable under normal ambient conditions.

Other:  
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

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## **SECTION 11 – TOXICOLOGICAL INFORMATION**

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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.

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## **SECTION 12 – ECOLOGICAL INFORMATION**

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No data available.

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## **SECTION 13 – DISPOSAL CONSIDERATIONS**

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

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## **SECTION 14 – TRANSPORT INFORMATION**

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UNRTDG: Not regulated as a dangerous good.

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## **SECTION 15 – REGULATORY INFORMATION**

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

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## **SECTION 16– OTHER**

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Prepared by: DJ