

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

**GI-Fast Catalyst**

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**SECTION 1 - IDENTIFICATION**

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Product Name: GI-Fast Catalyst

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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GHS Classification  
Acute Tox.4 (Oral) H302  
Repr. 2 H361  
STOT RE 1 H372



Signal Word: Danger

H302 Harmful if swallowed.  
H361 Suspected of damaging fertility or the unborn child.  
H372 Causes damage to organs through prolonged or repeated exposure.  
P201 Obtain special instructions before use.  
P260 Do not breathe mist, spray, vapors.  
P264 Wash hands, forearms, and exposed areas thoroughly after handling.  
P270 Do not eat, drink, or smoke when using this product.  
P280 Wear eye protection, protective clothing, protective gloves.  
P301+P312 If swallowed: Call a doctor or POISON CENTER if you feel unwell.  
P308+P313 If exposed or concerned: Get medical advice/attention.  
P330 Rinse mouth.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

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### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

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<u>INGREDIENTS</u>	<u>CAS #</u>	<u>EXPOSURE LIMITS</u>
Ethyl silicate	78-10-4	10 ppm
Polymeric ethyl silicate	68412-37-3	Not applicable
Dimethyltin didecanoate	68928-76-7	0.1 mg/m <sup>3</sup> as tin

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### SECTION 4 – FIRST AID MEASURES

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

Inhalation: Remove to fresh air. Obtain medical attention if breathing difficulty persists.

Skin contact: Rinse immediately with plenty of water. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention.

Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

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### SECTION 5 – FIRE-FIGHTING MEASURES

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

Unsuitable extinguishing media: Heavy water stream. Use of heavy water stream may spread fire.

Special hazards:

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.

Hazardous combustion products: carbon monoxide, carbon dioxide, silicon dioxide, organo-tin compounds.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus if necessary; 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 sawdust. 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.

Store at temperatures between 32 and 80 °F.

Keep containers tightly closed and away from moisture to prevent gelling.

Incompatible Materials: Strong acids, strong bases, oxidizing materials.

Wash hands and other exposed areas with soap and water after handling and before leaving work.

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

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Exposure limits of mixture: 0.1 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.)

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.

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

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Appearance: Clear, colorless liquid.

Odor: Slight alcohol-like odor

Odor threshold: No data available

Relative Density: 0.98

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: 230 °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

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

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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, acids, water.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, silicon dioxide, ethanol, organo-tin compounds.

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## **SECTION 11 – TOXICOLOGICAL INFORMATION**

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Acute toxicity: Harmful if swallowed.

Skin contact: May cause skin irritation.

Eye contact: May cause eye irritation.

Teratogenicity: May cause birth defects.

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

Carcinogenicity: Not classified.

Specific Organ Toxicity (Repeated Exposure): Causes damage to organs through prolonged or repeated exposure.

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

Avoid release to the environment.

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## **SECTION 14 – TRANSPORT INFORMATION**

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DOT: Not regulated as a dangerous good.

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