

SILICONES, INC.
SAFETY DATA SHEET

GI-1000A-HT

SECTION 1 - IDENTIFICATION

Product Name: GI-1000A-HT

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



Signal Word: Danger

H301: Toxic if swallowed

H312: Harmful in contact with skin

H315: Causes skin irritation

H319: Causes serious eye irritation

H373: May cause damage to organs through prolonged or repeated exposure

H412: Harmful to aquatic life with long lasting effects

P260: Do not breathe mist or 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, face protection, protective clothing, protective gloves

P301+P310: If swallowed, contact poison center or doctor/physician

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

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>EXPOSURE LIMITS</u>
Dibutyltin bis(2-ethylhexyl maleate)	15546-12-0	0.1 mg/m ³ as tin
Ethyl silicate	78-10-4	10 ppm
Polymeric ethyl silicate	68412-37-3	Not applicable
Silicon dioxide	7631-86-9	Not applicable
Blue pigment	14038-43-8	Not applicable
Polydimethyl siloxane	63148-62-9	Nonhazardous

SECTION 4 – FIRST AID MEASURES

Skin contact: Remove contaminated clothing. Wash skin with soap and water, rinse with plenty of water.

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. Immediately call a poison center or 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, organo-tin compounds.

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 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.

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

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: Dark blue liquid.

Odor: Slight alcohol-like odor

Odor threshold: No data available

Relative Density: 0.99

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

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: Extremely high temperatures. Ground containers during transfer to prevent static discharge.

Incompatible materials: Strong bases, strong acids, strong oxidizers.

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

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: Toxic if swallowed.

Acute toxicity: Toxic if swallowed. Harmful in contact with skin.

Carcinogenicity: Not a carcinogen, based on available data.

SECTION 12 – ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects. Avoid release to the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

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

SECTION 14 – TRANSPORT INFORMATION

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

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