SILICONES, INC.

SAFETY DATA SHEET

GI-311B

SECTION 1 - IDENTIFICATION

Product Name:	GI-311B
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

INGREDIENTS	CAS #	EXPOSURE LIMITS
Polydimethylsiloxane, hydroxyl terminated	70131-67-8	Nonhazardous
Quartz (crystalline silicon dioxide)	14808-60-7	0.025 mg/m3 over 8 hours
Diatomaceous earth	68855-54-9	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: 10/16/2026
Prepared by: DJ

SILICONES, INC.

SAFETY DATA SHEET

GI-311A

SECTION 1 - IDENTIFICATION

Product Name:	GI-311A
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: Warning

Hazard Statement: H320 Causes eye irritation.

Precautionary Statements: P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305 If in eyes, flush with water.
P337+P313 If eye irritation persists, get medical advice/attention.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS #	EXPOSURE LIMITS
Dibutyltin dilaurate	77-58-7	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: Wash with soap and water.

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.

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 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.

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: 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.

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: 1.3
Revision date: 10/16/2026
Prepared by: DJ