

GC Electronics
1801 Morgan Street
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Phone: (815) 968-9661
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Product Name: Silicone Compound
MSDS Number: 206
Revision Date: 5/6/04
Supersedes Date: 12/28/03

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: Specialty Chemicals
Product Name: **Silicone Compound**
Part Number(s): **10-568**
10-8101
10-8102

Emergency Contact: **Chemtrec**
Phone (24 hours): **(800) 424-9300**

Section 1 - Identification of Product

Chemical Name: Silicone Compound
Molecular Formula: Mixture

NFPA Flammability Hazard Class: Least 0
Slight 1
Health 1 Moderate 2
Flammability 0 High 3
Reactivity 0 Extreme 4
Personal Protection B Gloves, Safety Glasses B

Section 2 - Hazardous Ingredients

Hazardous Component	CAS #	Weight %	Exposure Limits
Trimethoxyboroxin	102-24-9	<0.4	
Pentaerythritol	115-77-5	<0.4	ACGIH TWA: 10mg/m ³ OSHA PEL: 10 mg/m ³

OSHA Regulatory Status: Hazardous by definition of 29 CFR 1910.1200

Section 3 - Physical Data

Appearance: Smooth Translucent or White Paste
Odor: Slight, sweet
Boiling Point: >300°C
Specific Gravity (H2O-1): 1.03
Solubility in Water: Insoluble
Vapor Pressure: <5 mm Hg @ 25°C
Vapor Density (Air -1): >1
VOC: <10 grams/liter

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Section 4 - Fire & Explosion Hazard Data

Auto Ignition:	Not Determined
Flash Point:	>575°F
Upper Explosive Limit (%):	Undetermined
Lower Explosive Limit (%):	Undetermined
Extinguishing Media:	Use carbon dioxide or dry chemical on small fires. Use foam and/or water spray for large fires.
Special Fire Fighting Procedures:	Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
Unusual Fire and Explosion Hazards:	None Known
Flammability:	T.D.G.R. Class

Section 5 - Health Hazard Data

Primary Route of Entry:	Skin
Eye Contact:	Direct contact with the eyes may cause temporary eye irritation. Immediately flush eyes with copious amount of water for a minimum of 15 minutes. If irritation develops, contact a physician.
Skin Contact:	No evidence of adverse effects from available information
Inhalation:	Inhalation exposure is not likely to occur. If inhaled, move subject to fresh air. No emergency care is anticipated.
Ingestion:	If ingested, do not induce vomiting. Get prompt medical attention.
Special Health Effects:	
Carcinogens:	None Known
NTP:	No
IARC Monographs:	No
OSHA Regulated:	No

EMERGENCY AND FIRST AID PROCEDURES:

Eyes:	Immediately flush eyes with copious amounts of water for a minimum of 15 minutes. If irritation develops, contact a physician.
Skin:	Wash contacted area with soap and water.
Inhalation:	Remove person to fresh air. No emergency care anticipated.
Oral:	If ingested, do not induce vomiting. Get prompt medical attention.

Section 6 - Reactivity Data

Stability:	Stable
Incompatibilities:	Strong acids or bases, strong oxidizing materials
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	None Known

Section 7 - Spill or Leak Procedures

Spill or Leak Procedure: Observe all personal protection equipment recommendations. Use absorbent material to collect and contain material for disposal

Waste Disposal Methods: Dispose in accordance with all applicable Federal, State and Local regulations. This material is not a RCRA hazardous waste material.

Section 8 - Special Protection Information

Ventilation: Good general ventilation should be sufficient.

Respiratory Protection: If engineering controls do not maintain airborne concentrations of hazardous ingredients below limits in Section II of this MSDS, then a NIOSH/NSHA approved organic vapor respirator should be used.

Eye Protection: Wear safety glasses with side shields.

Skin Protection: Impervious gloves are recommended. Wash at meal time and end of shift.

Section 9 - Special Precautions

Precautions to be taken in Handling: Keep container closed when not in use. Avoid prolonged skin contact. Keep away from the eyes, use recommended personal protective equipment.

Storage: Store in temperatures below 100°F

Dispose of in accordance with all applicable Federal, State and local regulations. This material is not a RCRA hazardous waste material.

Section 10 - Regulatory Information

TSCA: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

SARA 302: No components subject to 40 CFR 370

SARA 311 & 312: Not subject to reporting requirement of 40 CFR 340

SARA 313: No components subject to 40 CFR 372

DSL: All ingredients are listed on the DSL.

ACGIH: Not classifiable as a human carcinogen

Supplemental State Compliance
California Proposition 65: Warning: This product contains the following chemical(s) listed by the state of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects, and other reproductive harm.

None known.

Massachusetts: No ingredient regulated by MA Right-to-Know Law present.

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New Jersey:	Component Name	CAS Number	WT %
	Polydimethylsiloxane	63148-62-9	80 – 95
	Hydrophobic Silica	67762-90-7	5 – 10
	Trimethoxyboroxin	102-24-9	<0.5
	Pentaerythritol	115-77-5	<0.5
	Reactive Silicone Fluid	70131-67-8	<0.12
Pennsylvania:	Polydimethylsiloxane	63148-62-9	80 – 95
	Hydrophobic Silica	67762-90-7	5 – 10
	Trimethoxyboroxin	102-24-9	<0.5
	Pentaerythritol	115-77-5	<0.5
	Reactive Silicone Fluid	70131-67-8	<0.12

Section 11 - Other Information

Marine Pollutant Components:	None
DOT Shipping Name:	Unrestricted
DOT Hazard Class:	Non-hazardous, unrestricted
UN/NA Number:	None
Label Required:	No special labeling is required

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