

**GC Electronics**  
1801 Morgan Street  
Rockford, IL 61102  
Phone: (815) 968-9661  
Fax: (815) 968-9731  
www.gcelectronics.com

**Product Name: Heat Sink Compound**

MSDS Number: 148  
Revision Date: 9/28/06  
Supersedes Date: 12/16/03

## MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: Silicone  
Product Name: **Heat Sink Compound**  
Part Number(s): **10-8106**  
**10-8109**  
**10-8108**

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

### Section 1 - Identification of Product

HMIS	NFPA	Least	0
Health: 1	Fire 0	Slight	1
Flammability: 0	Health 1	Moderate	2
Reactivity: 0	Reactivity 0	High	3
Personal Protection: I	Spec Hazard No	Extreme 4	4
		Gloves, Safety Glasses	B

### Section 2 - Hazardous Ingredients

	CAS #
Zinc Oxide	1314-13-2
00840600 #5000P	(Trade Secret)
00840600 #5037P	(Trade Secret)

•Based on the data available to GC Electronics, this product is not considered a hazard under OSHA Hazard Communication Standard 29 CFR 1910.1200.

•The Zinc Oxide in this product is in paste form and will not pose a dust hazard.

### Section 3 - Physical Data

Solubility in Water (@20 C):	Insoluble
Specific Gravity (water=1):	2.4
Vapor Pressure (mmHg @ 20 C):	Not Available
Evaporation Rate :	< 0.01 (butyl acetate = 1)
Percent Volatile (by weight):	Zero
Vapor Density (air=1):	Not Available
Boiling Point (Deg. F):	Not Available
Appearance and Odor:	White paste, odorless
Freezing Point:	-40°F/-40°C

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**Section 4 - Fire & Explosion Hazard Data**

Flash Point (method): >400°F/204°C (COC)  
Flammable Limits-LEL: Not determined  
Flammable Limits-UEL: Not determined  
Extinguishing Agents: Dry Chemical, CO2 fire extinguishers, foam are acceptable.

Fire Fighting Procedures and Equipment: Wear self-contained breathing apparatus for enclosed or confined areas.

Unusual Fire & Explosion Hazards: None known.

**Section 5 - Health Hazard Data**

Potential Health Effects and Symptoms from Short Term/Acute Exposure:

Eyes: May cause irritation.  
Skin: Prolonged exposure may cause irritation.  
Inhalation: None known.  
Ingestion: Unknown

First Aid Measures:

Eye Contact: Flush eye with water.  
Skin Contact: Wash skin.  
Ingestion: If ingested, do not induce vomiting. Consult a physician.

**Section 6 - Reactivity Data**

Stability: Product is stable Hazardous polymerization will not occur.

Materials and Conditions to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products: None known.

**Section 7 - Spill or Leak Procedures**

Clean-Up Measures: Collect product and repackage in a container.

Disposal: Incinerate or dispose of materials in accordance with local, state and federal regulations.

**Section 8 - Special Protection Information**

Eye Protection:	Safety glasses are not necessary.
Skin Protection:	Gloves are not necessary.
Respiratory Protection:	Not necessary.
Engineering Controls: Ventilation:	Under normal conditions, no special ventilation is needed.
Work/Hygenic Practices:	Safety glasses and gloves are recommended.

**Section 9 – Special Precautions**

Handling: Storage temperatures:	Ambient.
Storage Pressure:	Atmospheric.
General:	Keep container closed.
Disposal:	Incinerate or dispose of materials in accordance with local, state and federal regulations.

**Section 10 - Regulatory Information**

DOT Hazardous Material Information:	Not a hazardous material for DOT shipping.
Toxic Substances Control Act:	The components of this product are listed on the TSCA inventory list or are not required to be listed. If you export this product, please ensure that the ingredients meet the inventory listing requirement of the receiving company. .

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