

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

**Product Name: Heat Sink Type 44 Non- Silicone**

MSDS Number: 204

Revision Date: 6/15/05

Supersedes Date: 11/17/03

## MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: Heat Sink Compound  
Product Name: **Heat Sink Type 44 Non-Silicone**  
Part Number(s):  
**10-8118**  
**10-8120**  
**10-8126**

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

### Section 1 - Identification of Product

HMIS Ratings:		NFPA		Least	0
		Fire	0	Slight	1
Health	1	Health	1	Moderate	2
Flammability	0	Reactivity	0	High	3
Reactivity	0	Spec.Hzd	No	Extreme	4
PPI				Gloves, Safety Glasses B	

### Section 2 - Hazardous Ingredients

		CAS #
Zinc Oxide*		1314-13-2
00840600	#5000P	(Trade Secret)
00840600	#5001P	(Trade Secret)
00840600	#5002P	(Trade Secret)

\*The Zinc Oxide in this product is in paste form and will not pose a threat.

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

### Section 3 - Physical Data

Specific Gravity:	2.7 (H <sub>2</sub> O=1)	Vapor Pressure:	<0.1 mm Hg
Physical Appearance:	White paste	pH:	Not relevant
Odor:	Odorless	Boiling Point:	>400°F/>204°C
Water Solubility:	Insoluble	Evaporation Rate:	<0.01 (butyl acetate=1)
Freezing Point:	Not relevant	Vapor Density:	Not relevant

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

Flash Point Method: 565° F/296°C (COC)  
Flammable Limits: LEL: N/A UEL: N/A  
Extinguishing Agents: Dry chemical (X) CO<sub>2</sub> (X) Foam (X)  
Unusual Fire & Explosion Hazards: None known.  
Fire-fighting Instructions: Wear self-contained breathing apparatus for enclosed or confined areas.

#### **Section 5 - Health Hazard Data**

Potential Health Effects:

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

Emergency & First Aid Procedures

Eyes: Flush eyes with water.  
Skin: Wash skin  
Inhalation: Not available.  
Ingestion: If ingested, do not induce vomiting. Consult a physician.  
Note to Physician: No further data known.

#### **Section 6 - Reactivity Data**

General: 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**

Steps to be taken in case of spill: Collect product and repackage in a container.

Handling: Ambient.  
Storage Temperature: Atmospheric  
Storage Pressure:  
Waste Disposal Method: Incinerate or dispose of materials in accordance with local, state and federal regulations.

Precautions in Storage: Keep containers closed when not in use.

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### Section 8 - Special Protection Information

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

### Section 9 – Special Precautions

Precautions in Storage:  
Storage Temperature: Ambient  
Storage Pressure: Atmospheric  
General: Keep containers closed when not in use.

### Section 10 - Regulatory Information

Federal Regulations:  
Toxic Substances Control Act: All ingredients are on the Toxic Substances Control Act (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.

DOT Hazardous Material Information:  
Shipping Name: Not regulated  
Hazard Class: None  
UN#: None  
Packing Group: None  
Carton Marking: None

UNK means unknown  
EST means estimated

### Disclaimer

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