

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: 3/25/11

Supersedes Date: 1/31/08

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

Section 2 - Hazardous Ingredients

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 dust hazard.

•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 ₂ 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
Viscosity:	Not Available		

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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) CO₂ (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: Incinerate or dispose of materials in accordance with local, state and federal regulations.
Waste Disposal Method:

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 Handling and Storage:
Storage Temperature: Ambient
Storage Pressure: Atmospheric
General: Keep containers closed when not in use
Disposal: Dispose of materials in accordance with local, state and federal regulations..

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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