

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

Product Name: HTC (High Thermal Conductivity)

MSDS Number: 127
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: **HTC (High Thermal Conductivity)**
Part Number(s): **10-8135**
10-8135-1

Emergency Contact: Chemtrec
Phone: (800) 424-9300

Section 1 – Identification of Product

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

Section 2 – Hazardous Ingredients

Composition Ingredients and Company Identification	CAS Registry #
Zinc Oxide	1314-13-2
00840600 #5000P	(Trade Secret)
00840600 #5037P	(Trade Secret)
00840600 #5030P	(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

Vapor Pressure:	Not available
Vapor Density:	Not available
Specific Gravity:	2.7 (H ₂ O=1)
Evaporation Rate:	<0.01 (butyl acetate=1)
Solubility in Water:	Insoluble
Freezing Point:	-67°F / -55°C
Boiling Point:	Not available
pH:	Not available

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Odor: Odorless
Appearance: Off-white
Viscosity: Not available

Section 4 – Fire and Explosion Hazard Data

Flash Point & Method: >400°F / 204°C (COC)
Flammable Limits: LEL: Not determined UEL: Not determined
Auto-ignition Temperature: Not available
Extinguishing Media: Foam, carbon dioxide, dry chemical
Fire Fighting Instructions: Wear self-contained breathing apparatus for enclosed or confined areas.
Unusual Fire & Explosion Hazards: None known

Section 5 – Health Hazards Data

Overview: Odorless off-white paste
Potential Health Effects
Eye: May cause irritation.
Skin: Prolonged exposure may cause irritation.
Ingestion: Unknown.
Inhalation: None known.
First Aid Measures:
Eyes: Flush with water.
Skin: Wash skin.
Ingested: Do NOT induce vomiting; consult a physician.

Section 6 – Reactivity Data

General: Product is stable; hazardous polymerization will not occur.
Materials & Conditions to Avoid: Strong oxidizing agents.
Hazardous Decomposition Products: None known

Section 7 – Spill or Leak Procedures

Steps to be Taken in Case of a Spill: 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

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 & gloves are recommended.

Section 9 – Special Precautions

Precautions in Handling & Storage:

Storage Temperature: Ambient
Storage Pressure: Atmospheric
General: Keep container closed.

Incinerate or 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: Not a hazardous material for DOT shipping..
Shipping Name: Not regulated.
Hazard Class: None
UN#: None
Packing Group: None
Carton Marking: None

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Disclaimer

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