



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

MSDS Number: 148
 Revision Date: 02/01/2013
 Supersedes Date: 12/30/09

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Name: HEAT SINK COMPOUND

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Type: Silicone
 Product Name: **HEAT SINK COMPOUND**
 Part Number(s): **10-8106**
10-8106-5 LB
10-8108
10-8109

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

HMIS RATINGS

Health: 1
 Flammability: 0
 Reactivity: 0
 PPI

NFPA RATINGS

Fire: 0
 Health: 1
 Reactivity: 0
 Spec. Hazard: NO

SECTION 2. COMPOSITION AND INFORMATION ON HARMFUL INGREDIENTS

	<u>CAS Registry #</u>
Zinc Oxide	1314-13-2
00840600 # 5000P	(Trade Secret)
00840600 # 5037P	(Trade Secret)

Based on the data available this product is not considered a hazard under OSHA Hazard Communication Standard 29 CFR1910.1200.

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

SECTION 3. HAZARDS IDENTIFICATION

Overview

Odorless white paste

Potential Health Effects

- Eye: May cause irritation
- Skin: Prolonged exposure may cause irritation
- Ingestion: Unknown
- Inhalation: None known



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SECTION 4. FIRST AID MEASURES

Flush eye with water; wash skin. If ingested do not induce vomiting; consult a physician.

SECTION 5. FIRE FIGHTING MEASURES

- Flashpoint & Method: >400°F/204°C (COC)
- Flammable Limits: LFL: Not determined / UFL: Not determined
- Autoignition Temperature: Not Available

NFPA	
Fire	0
Health	1
Reactivity	0
Spec. Haz.	No

HMIS	
Health	1
Flammability	0
Reactivity	0
PPI	

- 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 6. ACCIDENTAL RELEASE MEASURES

- Collect product and repackage in a container.

SECTION 7. HANDLING AND STORAGE

- Storage temperature: Ambient
- Storage pressure: Atmospheric
- General: Keep container closed

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 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.



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure:	Not available	Vapor Density:	Not available
Specific Gravity:	2.4 (H ₂ O=1)	Evaporation Rate:	<0.01 (butyl acetate=1)
Solubility in Water:	Insoluble	Freezing Point:	-40°F/-40°C
pH:	Not available	Odor:	Odorless
Boiling Point:	Not available	Appearance:	White Paste
Viscosity:	Not available		

SECTION 10. STABILITY AND REACTIVITY

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

SECTION 11. TOXICOLOGICAL INFORMATION

- Consult manufacturer for details. (See page 1)

SECTION 12. ECOLOGICAL INFORMATION

- Consult manufacturer for details. (See page 1)

SECTION 13. DISPOSAL INFORMATION

- Incinerate or dispose of materials in accordance with local, state & federal regulations.

SECTION 14. TRANSPORT INFORMATION

- Not a hazardous material for DOT shipping.

SECTION 15. REGULATORY INFORMATION

- 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.



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SECTION 16. OTHER INFORMATION

GC Electronics believes that the information contained herein is accurate and reliable as of the date of this material safety data sheet, but no representation guarantee or warranty, express or implied, is made as to the accuracy, reliability or completeness of the information. Persons receiving information are encouraged to make their own determination as to the information's suitability and completeness for their particular application. NO INFORMATION CONTAINED HEREIN CONSTITUTES A PRODUCT WARRANTY OF ANY KIND, WHETHER EXPRESS OR IMPLIED; AND ALL IMPLIED WARRANTIES OF MERCHANT ABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED BY GC ELECTRONICS.