SAFETY DATA SHEET

Product Name: HEAT SINK COMPOUND

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Type: Silicone  Emergency Contact: Chemtrec
Product Name: HEAT SINK COMPOUND  Phone: (800) 424-9300
Part Number(s): 10-8106
                      10-8108
                      10-8109

SECTION 2: HAZARD IDENTIFICATION

Skin Irritant (skin and eyes)  Skin Irrit. 2 H315 Causes skin irritation.
                             Eye Irrit. 2A H319 Causes serious eye irritation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS Registry #</th>
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</thead>
<tbody>
<tr>
<td>Zinc Oxide</td>
</tr>
<tr>
<td>1314-13-2</td>
</tr>
<tr>
<td>00840600 # 5037P</td>
</tr>
<tr>
<td>(Trade Secret)</td>
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</tbody>
</table>

- 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.
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SECTION 4: FIRST AID MEASURES
- Route of Exposure
  - Inhalation: N/A
  - Skin: Wash with soap and water
  - Eye Contact: Flush eyes with water
  - Ingestion: Consult a physician; do not induce vomiting

SECTION 5: FIRE FIGHTING MEASURES
- 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
- Personal precautions - Do not ingest, protective equipment – wear gloves
- Collect product and repackage in a container.
- Dispose product in landfill as environmental precaution
- For containment and clean up use common solvents such as mineral spirits or acetone followed by soap and water

SECTION 7: HANDLING AND STORAGE
- Storage temperature: Ambient
- Storage pressure: Atmospheric
- General: Keep container closed
- Avoid direct flames

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION
- Control Parameters (Biological): N/A
- Appropriate Engineering controls: Gloves
- 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

- Appearance: Off White Paste
- Odor: Odorless
- Odor Threshold: N/A
- pH: N/A
- Freezing Point: -40°F/-40°C
- Initial Boiling Point and Boiling Range: N/A
- Flash Point: 400°F/204° (COC)
- Evaporation Rate: <0.01 (butyl acetate=1)
- Flammability Limits: LFL: Not determined, UFL: Not determined
- Specific Gravity: 2.4 (H2O=1)
- Vapor Pressure: N/A
- Vapor Density: Not relevant
- Relative Density: N/A
- Solubility in Water: Insoluble
- Partition coefficient/ n-octanol/water: N/A
- Auto-ignition Temperature: N/A
- Decomposition Temperature: 260°C
- Viscosity: 432,000/50,000 cP
  1/10 sec⁻¹ @ 25°C

SECTION 10: STABILITY AND REACTIVITY

- Reactivity: Product is stable; hazardous polymerization will not occur.
- Chemical Stability: Inert
- Possibility of Hazardous Reactions: None known
- Materials & Conditions to Avoid: Strong oxidizing agents
- Incompatible Materials: N/A
- Hazardous Decomposition Products: None known

SECTION 11: TOXICOLOGICAL INFORMATION

- Route of Exposure
  - Inhalation: N/A
  - Ingestion: Consult a physician
  - Skin: Wash with soap and water
  - Eye Contact: Flush eyes with water

  Symptoms related to physical, chemical and toxicological characteristics: None known
  Delayed and immediate effects and also chronic effects from short and long term exposure: None known
  Measures of toxicity: N/A
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SECTION 12: ECOLOGICAL INFORMATION
• Ecotoxicity: N/A
• Persistence and degradability: N/A
• Bioaccumulative potential: N/A
• Mobility in soil: N/A

SECTION 13: DISPOSAL INFORMATION
• Incinerate or dispose of materials in accordance with local, state & federal regulations.

SECTION 14: TRANSPORT INFORMATION
• UN Number: N/A
• UN Proper Shipping Name: Non-Hazardous Heat Sink Compound
• Transport Hazard Class: Non-Hazardous
• Environmental Hazards (Marine Pollutant): No
• Transport in Bulk: Yes
• Special Transport Precautions: N/A
• Not a hazardous material for DOT, TDG classification, ADR/RID, IMDG, and IATA-DGR 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.
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.

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