

GC/Waldom Electronics

1801 Morgan Street
Rockford, IL 61102
Product Information: (815) 968-9661

Product Name:Heat Sink Compound

MSDS Number:148
Revision Date:5/6/03
Supersedes Date: 1/9/01

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: Silicone
Product Name: **Heat Sink Compound**
Part Number(s): **10-8106**
10-8109
10-8108
10-8107-100 disc.
10-8107-10 disc.

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

Section 1 - Identification of Product

	Least	0
HMIS	Slight	1
Health: 0	Moderate	2
Flammability: 1	High	3
Reactivity: 0	Extreme 4	4
Personal Protection: B	Gloves, Safety Glasses	B

Section 2 - Hazardous Ingredients**Hazardous Ingredients:**

	TLV , TWA, PEL	IARC, NTP, OSHA
Silica Thickener < 2%	PEL 20 MPPCF (as dust)	Not Listed
Zinc Compound* 70-75%	TWA 5MG/M3 (as dust)	Not Listed

*This component is regulated under Section 313 SARA

Section 3 - Physical Data

Solubility in Water (@20 C):	NIL
Specific Gravity (water=1):	> 1.0
Vapor Pressure (mmHg @ 20 C):	NIL
Evaporation Rate (ether-1):	< 0.001
Percent Volatile (by weight):	Zero
Vapor Density (air=1):	> 1
Strong Acid:	No
Strong Base:	No
Boiling Point (Deg. F):	+600F.
Melting Point (Deg. F):	N.A.

Appearance and Odor: White gel, odorless

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Section 4 - Fire & Explosion Hazard Data

Flash Point (method):	215 F. min
Flammable Limits-LEL:	Unknown
Flammable Limits-UEL:	Unknown
Extinguishing Agents:	Dry Chemical, CO2, waterspray, foam
Special Fire Fighting Procedures:	Avoid breathing vapors. Use breathing apparatus in confined area. Cool exposed containers with waterspray
Hazardous Thermal Decomposition Product:	Silicon dioxide, carbon oxides, formaldehyde unidentified organic compounds.

Section 5 - Health Hazard Data

Route:	Effect of Overexposure:	Emergency First Aid Procedure:
Eyes:	None expected	Flush with water, see Physician
Skin:	Prolonged or repeated contact may cause mild irritation	Wash with soap and water. If high pressure, get immediate medical attention.
Inhalation:	None expected	Remove from contaminated area.
Ingestion:	None expected	
Chronic:	None expected	
Permissible Concentrations (air):	None established	

Section 6 - Reactivity Data

Stability:	Stable
Incompatibility:	Keep away from strong oxidizers
Note:	Hazardous polymerization will not occur

Section 7 - Spill or Leak Procedures

Steps to take in case of Spill:	Add absorbent to spill area. Keep silicone products out of sewers and waterways. Advise authorities if they do enter.
Waste Disposal Precautions in Storage:	Dispose of at appropriate waste facility in accordance with applicable federal, state and local regulations. Keep containers closed when not in use. Do not handle near heat, flames, sparks. Do not weld or heat empty containers.

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Section 8 - Special Protection Information

Respiration Protection:	None normally needed
Ventilation Type:	Generally adequate. Use local mechanical to insure TLV's are not surpassed where applicable.
Skin Protection:	Chemically resistant
Eye Protection:	Goggles or face shield desirable
Other Protective Measures:	None normally needed

Section 9 – Special Precautions

Waste Disposal Precautions in Storage:	Dispose of at appropriate waste facility in accordance with applicable federal, state, and local regulations. Keep containers closed when not in use. Do not handle near heat, flames, sparks. Do not weld or heat empty containers.
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Section 10 - Regulatory Information

UNK means:	Unknown
EST means:	Estimated
N.A. means:	Not Applicable
*Zinc compound:	70-75%

*This component is regulated under Section 313 of SARA

Disclaimer

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