

388AE044

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

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

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

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.

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

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.
--	--

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

GC/Waldom Electronics, Inc. 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 this 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/WALDOM ELECTRONICS, INC.