

SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Name: HEAT SINK TYPE 44 NON-SILICONE**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product Type:	Solvent Release Adhesive RTV	Emergency Contact:	Chemtrec
Product Name:	HEAT SINK TYPE 44 NON-SILICONE	Phone:	(800) 424-9300
Part Number(s):	10-8118		
	10-8120		
	10-8126		

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

	<u>CAS Registry #</u>
Zinc Oxide	1314-13-2
00840600 # 5000P	(Trade Secret)
00840600 # 5001P	(Trade Secret)
00840600 # 5002P	(Trade Secret)

- Based on the data available to AOS, 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 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



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MSDS Number: 204
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Supersedes Date: 03/14/2014

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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:	White Paste	Specific Gravity:	2.7 (H ₂ O=1)
Odor:	Odorless	Vapor Pressure:	<0.1 mm Hg
Odor Threshold:	N/A	Vapor Density:	Not relevant
pH:	N/A	Relative Density:	2.4 g/cc
Melting Point/Freezing Point:	N/A	Solubility in Water:	Insoluble
Initial Boiling Point and Boiling Range:	>400°F/ >204°C	Partition coefficient/ n-octanol/water	N/A
Flash Point:	565°F/296° (COC)	Auto-ignition Temperature:	N/A
Evaporation Rate:	<0.01 (butyl acetate=1)	Decomposition Temperature:	225 °C
Flammability Limits:	LFL: Not determined UFL: Not determined	Viscosity:	870,000, 70,000 cP @ 1, 10 sec ⁻¹ shear @ 25 °C
Upper/lower Flammability Limits:	N/A		

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 know
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.



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SECTION 16. DISCLAIMER (OTHER INFORMATION)

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