

# MATERIAL SAFETY DATA SHEET

## SECTION 1: Chemical Product and Company Identification

### AOS Silicone Heat Sink Compound

AOS Product Code: 54013

Wakefield Part No. 120

**Manufacturer:**

AOS Thermal Compounds  
22 Meridian Road, Suite 6  
Eatontown, New Jersey 07724  
(732) 389-5514

Emergency Telephone Numbers:  
Health: (732) 389-5514 9-5 EST M-F  
Flammability: (732) 389-5514 9-5 EST M-F

**PACKAGE FOR / SUPPLY BY**

Wakefield Engineering  
33 Bridge Street  
Pelham, NH 03076

**Phone : 603-635-2800**

**Fax : 603-635-1900**

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## SECTION 2: Composition, Information on Ingredients

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

- Based on the data available to AOS, 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 3: Hazards Identification

Overview

Odorless white paste

Potential Health Effects

- Eye: May cause irritation
- Skin: Prolonged exposure may cause irritation
- Ingestion: Unknown

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- 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
- Auto ignition 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

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#### SECTION 6: Accidental Release Measures

- Collect product and repackage in a container.

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#### SECTION 7: Handling and Storage

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

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#### 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

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Vapor Pressure:	Not available	Vapor Density:	Not available
Specific Gravity:	2.4 (H <sub>2</sub> 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.
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### **SECTION 11: Toxicological Information**

- Consult manufacturer for details. (See page 1)
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### **SECTION 12: Ecological Information**

- Consult manufacturer for details. (See page 1)
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### **SECTION 13: Disposal Information**

- Incinerate or dispose of materials in accordance with local, state & federal regulations.
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### **SECTION 14: Transport Information**

- Not a hazardous material for DOT shipping.
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### **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**

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- The information herein is presented in good faith and believed to be accurate as of the revision date shown above. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws.
- This MSDS has been updated to conform to standards set forth by the Chemical Manufacturers Association as released through the American National Standard Institute. (See ANSI Z400.1-1993)