

# Safety Data Sheet

## HEATSINK COMPOUND

NS-PCTC8

	<b>1</b> PRODUCT IDENTIFICATION PAGE: 3		<b>9</b> PHYSICAL & CHEMICAL PROPERTIES PAGE: 5
	<b>2</b> COMPOSITION/INFORMATION ON INGREDIENTS PAGE: 3		<b>10</b> STABILITY & REACTIVITY PAGE: 5
	<b>3</b> HAZARD IDENTIFICATION PAGE: 3		<b>11</b> TOXICOLOGICAL INFORMATION PAGE: 5
	<b>4</b> FIRST AID MEASURES PAGE: 3		<b>12</b> ECOLOGICAL INFORMATION PAGE: 5
	<b>5</b> FIRE-FIGHTING MEASURES PAGE: 4		<b>13</b> DISPOSAL CONSIDERATIONS PAGE: 5
	<b>6</b> ACCIDENTAL RELEASE MEASURES PAGE: 4		<b>14</b> TRANSPORT INFORMATION PAGE: 6
	<b>7</b> HANDLING & STORAGE PAGE: 4		<b>15</b> REGULATORY INFORMATION PAGE: 6
	<b>8</b> EXPOSURE CONTROLS/ PERSONAL PROTECTION PAGE: 4		<b>16</b> OTHER INFORMATION PAGE: 6

**U.S. DEPARTMENT OF LABOR**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements

IDENTITY (As Used on Label and List)  
AD-66  
Thermal Interface Material

Occupational Safety and Administration  
Non-Mandatory Form  
Form Approved  
OMB No. 1218-0072

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that

**Manufacturer's Name**

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ShenZhen City

**Emergency Telephone Number**

0755-84193748

**Telephone Number for Information**

0755-84194749

**ZIP Code**

518000

**Date Prepared**

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## 1. PRODUCT IDENTIFICATION

**Product name:** Heatsink Compound  
**Matrix:** Silicone with carbon & metal oxide



## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Silicone Compounds	50%			
Carbon Compounds	20%			
Metal Oxide Compounds	30%			
Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)



## 3. HAZARD IDENTIFICATION

None  
 No hazardous components present – Not applicable



## 4. FIRST AID MEASURES

### Inhalation

If adverse effects occur, proceed to an uncontaminated area. If breathing has been arrested, provide artificial respiration immediately. Obtain immediate medical attention.

### Skin

Wash thoroughly with soap and water for minimum of 15 minutes. Contaminated clothing should be removed immediately. If irritation persists, obtain medical attention

### Eye contact

Wash thoroughly with water for minimum of 15 minutes. If irritation persists, obtain medical attention.

### Ingestion

Drink 2 large glasses of water. Do not induce vomiting. If a large amount has been ingested, or if discomfort persists, obtain medical attention.



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## 5. FIRE FIGHTING MEASURES

### Fire and Explosion Hazard Data for Matrix

Flash point	None
Fire hazard	Non-combustible
Auto-ignition temperature	N/A
LEL	N/A
UEL	N/A
Extinguishing media	Standard dry chemical, carbon dioxide. Water and foam should be used, per usual techniques



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## 6. ACCIDENTAL RELEASE MEASURES

Do not touch spilled material. Stop leak, if possible, without personal risk. For small spills, absorb with sand or other non-combustible material. Collect spilled material in an appropriate container for disposal according to all applicable local, state, and federal regulations. For large spills, dam or dike the spill area. Isolate hazard area and remove all individuals. Pump or soak up material for disposal according to all applicable local, state, and federal regulations. Flush any residue to a sanitary sewer, approved for chemical waste disposal.



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## 7. HANDLING & STORAGE

Store below 70°C or 200°F. Store in a tightly sealed container. Do not store under pressure. Store in an inert atmosphere. Store away from materials designated incompatible.

Keep out of reach of children and animals. No other precautions for handling.



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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

See Section 2

Wear chemical goggles, gloves, other protective clothing, or equipment. None required beyond standard equipment. In an occupational environment, provide safety and hygiene equipment consistent with all applicable local, state, and federal regulations.



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## 9. PHYSICAL & CHEMICAL PROPERTIES

### Physical Data for Matrix

Melting point	200°F
Boiling point	>300°F
Vapor pressure	N/A
Vapor density	(AIR=1) >1.0
Water solubility	Insoluble
Appearance and odor	Material is viscous, white grease. No particular odor is associated with material.



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## 10. STABILITY & REACTIVITY

### Reactivity Data for Matrix

Stability	Stable
Incompatibility	Avoid strong acids, strong bases, halogens
Hazardous decomposition products	Combination with alkalis may produce combustible hydrogen gas
Hazardous polymerization	Will not occur



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## 11. TOXICOLOGICAL INFORMATION

See Section 2 for specific toxicological information for the ingredients of this product.



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## 12. ECOLOGICAL INFORMATION

No information is available.



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## 13. DISPOSAL CONSIDERATIONS

Dispose according to all applicable local, state, and federal regulations.



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## 14. TRANSPORT INFORMATION

**Shipment type:** Transport according to international standard.  
**UN Number:**  
**IATA not regulated**  
**Shipping class:**  
**Packing group:**



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## 15. REGULATORY INFORMATION

*No information is available.*



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## 16. OTHER INFORMATION

*The above information is believed to be correct, but does not be all inclusive. This data should be used only as a guide in handling this material.*

**Version**

V1

**Member of the SGS Group  
(Société Générale de Surveillance)  
Form Approved No: CANEC1608799201**