



Material Safety Data Sheet

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

IDENTITY (<i>As Used on Label and List</i>) EK TIM Ectotherm Thermal Interface Material	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.
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Manufacturer's Name GELID Solutions Ltd	Emergency Telephone Number +852-3693 4434
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Section I Product Identification

name: Heatsink Compound
Matrix: Silicone with carbon & Metal Oxide

Section II 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)

No hazardous components present. Not applicable.
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Section III - Hazard Identification

None
No hazardous Components Present - Not applicable

Section IV - 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.

Section V - 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.

Section VI - 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 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.

Section VII - Handling and Storage

Store below 70°C or 200°F, store in 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 & animals. No Other Precautions for Handling.

Section VIII - 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 & Federal regulations.

Section IX - Physical and Chemical Properties

Physical Data for Matrix

Melting Point: 200°F

Boiling Pt > 300°F

Vapor Pressure: N/A

Vapor Density (AIR = > 1.0)

Water Solubility: insoluble.

Appearance and odor: Material is Viscous, gray grease. No particular odor is associated with material.

Section X - Stability and 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.

Section XI - Toxicological Information

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

Section XII - Ecological Information

No Information is available

Section XIII - Disposal Considerations

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

Section XIV - Transport Information

Shipment Type: Transport according to International Standard

UN Number: IATA not regulated

Shipping Class:

Packing Group:

Section XV - Regulatory Information

No Information is available

Section XVI - Other Information

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