

# Prolimatech

*Professionalism Beyond Limit*

12F.-6, No.107, Sec. 1, Jhongshan Rd.  
Sinjhuang City, Taipei County 242  
Taiwan

## MATERIAL SAFETY DATA SHEET

### PK-1

- Section 1 Product and Company Identification  
Material Identification  
Product Name:  
Product Use: Thermally conductive compound.
- Section 2 Hazards Identification  
Immediate health, physical, and environmental hazards:  
No specific Hazards. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.
- Section 3 Hazards Identification  
Potential Health Effects:  
Ingestion: Non-toxic by ingestion  
Skin:  
Possible irritant on prolonged contact.  
Inhalation:  
Harmful if strongly heated vapors are inhaled  
Eyes:  
May cause eye irritation.  
Medical Conditions Aggravated:  
None Known.  
Subchronic Effects:  
None Known  
Chronic Effects/Carcinogenicity:  
This product contains no carcinogens.
- Section 4 First Aid Measures  
Ingestion:  
Do not induce vomiting. Rinse mouth and seek medical attention.  
Skin:  
Wash with soap and water.  
Inhalation:  
Harmful if strongly heated vapors are inhaled. Remove to fresh air.  
Eyes:  
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

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Hand protection:  
No special protection needed  
Respiratory protection:  
NO respiratory protection should be needed.

## Section 5 Fire Fighting Measures

Flammable Properties:  
Flash Point:  
Not Determined  
Flammable Limits:  
LFL: Not Available  
UFL: Not Available  
Sensitivity to Static Discharge:  
Not expected  
Extinguishing Media:  
On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide(CO<sub>2</sub>),dry chemical or water spray.  
Fire & Explosion Hazards:  
None  
Special Firefighting Procedures:  
Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed container cool. Special Protective equipment for the Fire Fighters:  
Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

## Section 6 Accidental Release Measures

Wipe or scrape spilled material and disposal of material in accordance with federal, state, and local regulations. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.  
Avoid eye contact. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.

## Section 7 Handling and Storage

Keep container closed when not in use. Use with adequate ventilation. Avoid eye Contact .Do not take internally. Exercise good industrial hygiene practice.

## Section 8 Exposure Controls/Personal Protection

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Engineering Controls:

NO special ventilation requirements if good ventilation is maintained.

Personal Protective Equipment: Where contact is likely, wear chemical resistant Gloves, long sleeves, and safety glasses with side shields.

General Hygiene Considerations:

Wash hands thoroughly after handling and before eating or drinking.

## Section 9 Physical and Chemical Properties

Physical Form: Grease

Color : Gray

Odor : Odorless

PH : Middle 7

Solubility in Water@20°C : 0 g/l

Boiling point/range: Not determined

Decomposition Temp.: Not determined

Flash Point :

Autoignition Temp.: Not determined

Explosive Properties: No

Vapour Pressure @25°C : Not determined

Vapour Density (air=1): Not determined

## 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.

## Section 11 Toxicological Information

Acute Toxicity

Chemical Name CAS No LD50(Oral) LC50(Inhalation)

No hazardous ingredients

Eyes:

Direct contact may cause temporary redness and discomfort.

Skin:

No significant irritation expected from a single short-term exposure.

Ingestion:

Low ingestion hazard in normal use.

Inhalation:

No significant effects expected from a single short-term exposure.

Chronic Toxicity

Skin:

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No known applicable information

Ingestion:

Swallowing large amounts or repeated ingestion may injure internally.

Inhalation:

No known applicable information.

## Section 12 Ecological Information

Environmental effects and distribution:

It is solid material and insoluble in water. However, due to the physical form and water-insolubility of the product the biochemical environmental effects is negligible. No adverse effects on bacteria are predicted.

## Section 13 Disposal Considerations

Product Disposal Treatment:

This product must be disposed of as hazardous waste. Dispose of in accordance with local regulations.

## Section 14 Transport Information

DOT Road Shipment Information (49 CFR 172.101)

Not subject to DOT.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (ICAO)

Not subject to ICAO regulations.

## Section 15 Regulatory Information

Contact Prolimatech for more information.