

# MSDS

Data Sheet No.	PK-1
Revision date	2017/03/15
Edition	A2

**Product No. : PK-1**

**Section 1.**

**Product and Company Identification**

**Company Name : Prolimatech Co., Ltd.**

**Address :** 14F., No. 249, Sec 2, New Taipei Blvd.,  
Sinjhuang District, New Taipei City 242, Taiwan

**Material Identification**

**Product Use :**

**Thermally conductive compound.**

**Section 2.**

**Composition / Information on Ingredients**

Components	CAS No	%
1. Al	7429-90-5	60~85
2. ZnO	1314-13-2	15~25
3. Paraffin oil	8002-74-2	12~20
4. antioxidant	6683-19-8	0.5~2

**Section 3.**

**Hazards Identification**

- **Immediate health, physical, and environmental hazards :**

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	<p><b>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.</b></p> <p><b>Carcinogenicity :</b>  <b>This product contains no carcinogens.</b></p>
<p><b>Section 4.</b></p>	<p><b>First Aid Measures</b></p> <p><b>Symptoms and Effects :</b></p> <p><b>Not expected to give rise to an acute hazard under normal conditions of use.</b></p> <p><b>Ingestion :</b></p> <p><b>Do not induce vomiting. Rinse mouth and seek medical attention.</b></p> <p><b>Skin contact :</b></p> <p><b>Possible irritant on prolonged contact. Wash with soap and water.</b></p> <p><b>Eye Contact :</b></p> <p><b>May cause eye irritation. Immediately flush eyes with water for at least 15 minutes and get medical attention if irritation persists.</b></p> <p><b>Inhalation :</b></p> <p><b>NO respiratory protection should be needed. Harmful if strongly heated vapors are inhaled. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Give medical attention immediately.</b></p>
<p><b>Section 5.</b></p>	<p><b>Fire Fighting Measures</b></p>

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	<p><b>Specific Hazards :</b></p> <p><b>Not classified as flammable but will burn. Hazardous combustion products may include carbon monoxide, carbon dioxide.</b></p> <p><b>Extinguishing Media :</b></p> <p><b>Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. On large fires use dry chemical, foam or water spray.</b></p> <p><b>Unsuitable Extinguishing Media :</b></p> <p><b>Water in a jet may disperse fire.</b></p> <p><b>Protective Equipment :</b></p> <p><b>Full protective clothing and self contained breathing apparatus.</b></p>
<p><b>Section 6.</b></p>	<p><b>Accidental Release Measures</b></p> <p><b>Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.</b></p>
<p><b>Section 7.</b></p>	<p><b>Handling and Storage</b></p> <p><b>Keep container closed when not in use. Use with adequate ventilation. Avoid eye Contact. Do not take internally. Exercise good industrial hygiene practice.</b></p> <p><b>Handling :</b></p> <p><b>Avoid prolonged or repeated skin contact. This product is considered to be</b></p>

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	<p>an article that does not release or otherwise result in exposure to a hazardous chemical under normal use conditions. Use general dilution ventilation and / or local exhaust ventilation to control airborne exposures to below occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment.</p> <p><b>Storage Temperatures :</b></p> <p><b>Storage at Room Temperatures.</b></p> <p><b>Storage :</b></p> <p><b>Not applicable.</b></p>
<p>Section 8.</p>	<p><b>Exposure Controls / Personal Protection</b>  <b>NO special ventilation requirements if good ventilation is maintained.</b></p> <p><b>Personal Protective Equipment: Where contact is likely, wear chemical resistant Gloves, long sleeves, and safety glasses with side shields.</b>  <b>General Hygiene Considerations :</b></p> <p><b>Wash hands thoroughly after handling and before eating or drinking.</b></p> <p><b>Personal Protection</b></p> <p><b>Eye :</b></p> <p><b>Safety glasses are recommended to prevent particulate matter from entering eyes while grinding or machining.</b></p> <p><b>Skin :</b></p> <p><b>Protective gloves are required when handling.</b></p> <p><b>Body Protection :</b></p>

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	<p><b>Standard issue work clothes which may include apron, safety shoes or boots as necessary.</b></p> <p><b>Respirator :</b>  <b>None under normal processing, if ventilation is adequate.</b></p>
<p><b>Section 9.</b></p>	<p><b>Physical and Chemical Properties :</b></p> <p><b>Appearance :Grease</b></p> <p><b>Color : Gary</b></p> <p><b>Solubility in water : Insoluble</b></p> <p><b>Odor : odorless</b></p> <p><b>pH : 7</b></p> <p><b>Specific Gravity : 2.6</b></p>
<p><b>Section 10.</b></p>	<p><b>Stability and Reactivity</b></p> <p><b>Stability :</b>  <b>Stable under ambient conditions. Product is stable; hazardous polymerization will not occur.</b></p> <p><b>Conditions to Avoid :</b>  <b>Strong oxidizing agents.</b></p>
<p><b>Section 11.</b></p>	<p><b>Toxicological Information :</b></p> <p><b>Other Information :</b>  <b>NA</b></p>

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	<p><b>Acute toxicity :</b> NA</p> <p><b>Eyes damage/irritation :</b> Low Hazard for usual industrial handling. Direct contact may cause temporary redness and discomfort.</p> <p><b>Skin Absorption :</b> No significant irritation expected from a single short-term exposure.</p> <p><b>Carcinogenity :</b> This product contains no carcinogens.</p>
Section 12.	<p><b>Ecological Information</b></p> <p><b>Ecological Toxicity Information :</b> Not applicable.</p> <p><b>Chemical Fate Information :</b> Not applicable.</p>
Section 13.	<p><b>Disposal Considerations</b></p> <p><b>Waste Disposal :</b> This product must be disposed of as hazardous waste. Dispose of in accordance with local regulations.</p>
Section 14.	<p><b>Transport Information :</b></p> <p><b>Hazard class :</b> NA</p> <p><b>Shipping name :</b></p>

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	<b>NA</b>
<b>Section 15.</b>	<b>Regulatory Information :</b> <b>Follow all regulations in your country.</b>

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