

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** METS-ALPD- - - - -

**Application:** Polishing Compound

**Manufacturer Information: Corporate Offices:**  
 LAPMASTER INTERNATIONAL  
 501 W. Algonquin Road  
 Mt. Prospect, IL 60056  
 Telephone: 224-659-7101  
 Toll Free: 877-352-8637  
 Fax: 224-659-7103

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Mixture of: Abrasive

Component	CAS-No.	Hazard classification	Notes
Aluminum Oxide	1344-28-1	Non hazardous as defined by the Dept of Transportation, nor is it a dangerous good as defined by ICAO for air transportation.  PEL: 10mg/m <sup>3</sup> TLV: 10mg/m <sup>3</sup>	

**3. HAZARDS IDENTIFICATION**

**Emergency Overview:** Not listed as a carcinogen by IARC, NTP, or OSHA. May cause slight irritation to skin, eyes and respiratory tract.

**Potential Health Effects**

**Eyes:** Slightly irritating, high concentrations can cause conjunctivitis, not corrosive.

**Skin:** Not expected to be a skin irritant. Prolonged or repeated exposure may cause dermatitis and defatting.

**Ingestion:** Not expected to be toxic by ingestion.

**Inhalation:** Spray mist or dry dust may cause congestion, coughing, granuloma in lungs.

**4. FIRST-AID MEASURES**

**Eye Contact:** In case of contact with eyes, rinse immediately with plenty of water for 15 minutes. If irritation persists, seek medical advice.

**Skin Contact:** Wash affected area with a waterless hand cleaner and/or soap and water. If irritation persists, consult a physician.

**Ingestion:** If material is swallowed no ill effects expected. If discomfort or pain arise after ingestion, consult a physician.

**Inhalation:** If inhaled, immediately remove the affected person to fresh air. If discomfort persists, seek medical attention.

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## 5. FIRE FIGHTING MEASURES

**Flash Point:** n/a

**Method Used:** n/a

**Upper Flammable Limit (UFL):** n/a

**Lower Flammable Limit (LFL):** n/a

**Auto Ignition:** n/a

**Flammability Classification:** Non Flammable

**Rate of Burning:** n/a

**General Fire Hazards:** Product is non-combustible

**Hazardous Combustion Products:** None

**Extinguishing Media:** Dry chemical, foam, carbon dioxide (CO<sub>2</sub>), water fog

**Fire Fighting Equipment / Instructions:** Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products.

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## 6. ACCIDENTAL RELEASE MEASURES

**Containment Procedures:** Stop the flow of material, if this is without risk

**Clean-Up Procedures:** Wear appropriate protective equipment and clothing during clean-up. Absorb spill with inert material. Shovel material into appropriate container for disposal.

**Evacuation Procedures:** Isolate area. Keep unnecessary personnel away.

**Special Procedures:** No information available for the product.

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## 7. HANDLING AND STORAGE

**Handling Procedures:** Avoid contact with skin and eyes. Observe good industrial hygiene practices and wash thoroughly after handling.

**Technical Measures:** Work practice should minimize contact

**Technical Precautions:** Local exhaust is recommended

**Storage Procedures:** Store in tightly closed original container away from incompatible materials.

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## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Engineering Controls:** Ventilation should effectively remove and prevent buildup of any vapor or mist generated from the handling of this product.

### Personal Protective Equipment (PPE)

**Eyes/Face:** Wear safety glasses, chemical goggles, or, a full face shield

**Skin:** Use impervious gloves. Use of impervious apron and boots are recommended

**Respiratory:** Appropriate NIOSH / MSHA respiratory protection must be provided.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> White powder.	<b>Boiling Point:</b> 5391°F (2977°C)
<b>Odor:</b> None	<b>Flash Point:</b> n/a
<b>pH:</b> n/a	<b>Solubility (H<sub>2</sub>O):</b> insoluble
<b>Physical State:</b> solid	<b>Viscosity:</b> n/a
<b>Melting Point:</b> 3720°F (2050°C)	

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## 10. STABILITY AND REACTIVITY

**Chemical Stability:** This is a stable material.

**Conditions to Avoid:** None specific

**Incompatibility:** Hazardous reactions occur when this product is involved with chlorine trifluoride or ethylene oxide. Chemical reactions occur when this product is involved with strong acids and/or strong bases.

**Hazardous Decomposition Products:** None specific

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## 11. TOXICOLOGICAL INFORMATION

**Inhalation:** Not relevant at normal room temperatures.

**Skin Contact:** Prolonged contact may cause redness and irritation.

**Eye Contact:** May cause temporary eye irritation.

**Ingestion:** No harmful effects expected in amounts likely to be ingested by accident.

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## 12. ECOLOGICAL INFORMATION

**Mobility:** This product is not soluble in water.

**Degradability:** The degradability of the product has not been stated.

**Ecotoxicity:** The product is not expected to be hazardous to the environment.

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## 13. DISPOSAL CONSIDERATIONS

### US EPA Waste Number and Descriptions

**General Product Information:** Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

**Component Waste Numbers:** No EPA Waste Numbers are applicable for this product's components.

### Disposal Instructions

**Waste Material:** Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

**Contaminated Packaging:** Dispose of contaminated packaging as residue.

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## 14. TRANSPORT INFORMATION

The product is not regulated as hazardous by the Dept. of Transportation or IATA.

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## 15. REGULATORY INFORMATION

Precautionary Label: None needed.

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## 16. OTHER INFORMATION

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