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Lapmaster  
International



## MATERIAL SAFETY DATA SHEET

Date: July 2008

### Section #1: PRODUCT AND COMPANY IDENTIFICATION

Lapmaster International, LLC  
501 W. Algonquin Road  
Mt. Prospect, IL 60056

Telephone: (224) 659-7101 (Office Hours 8:00 a.m. to 5:30 p.m. CST)

Product Identification: Water-Base Aluminum Oxide Pre-Mixed Lap Slurry  
Product Name: Pre-Mixed Lapping Slurry #LAP5-PRWA-0XX-XX.X

### Section #2: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient Information: Water, Abrasive, Suspension Agents, Corrosion Inhibitor

Component Name	Percentage % (by weight)	CAS Number	OSHA PEL	ACGIH TWA
Aluminum Oxide	10-25%	1344-28-1	15mg/m3	10mg/m3
Water	50-80%	7732-16-5	N/A	N/A
Propylene Glycol	1-10%	57-55-6	N/A	N/A
Corrosion Inhibitor	2-7%	Proprietary	10mg/m3	10mg/m3

### Section #3: HAZARDS INFORMATION

EMERGENCY OVERVIEW: Spill may cause slipping hazard

POTENTIAL HEALTH EFFECTS:

**EYE:** May cause mild irritation  
**SKIN:** May cause mild irritation  
**INGESTION:** No hazard in normal use  
**INHALATION:** No hazard in normal use

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

None Known

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**HEALTH HAZARDS (ACUTE AND CHRONIC):**

Health – 1  
Flammability - 0

**SIGNS AND SYMPTOMS OF EXPOSURE:**

No Data Available

**CHRONIC / CARCINOGENICITY:**

N/A  
NTP: N/A  
OSHA: N/A  
IARC: N/A

**Section #4: FIRST AID MEASURES**

**EYES:** Remove Contacts – Flush eyes with saline – Seek Medical Attention  
**SKIN:** Wash with Soap and water for 15 minutes – If irritated, Seek Medical Attention  
**INGESTION:** DO NOT Induce Vomiting – Seek Medical Attention  
**INHALATION:** Remove to fresh air, seek medical attention

**Section #5: FIRE FIGHTING MEASURES**

**FIRE FIGHTING:** Wear self-contained breathing apparatus. Avoid fume inhalation.  
**EXTINGUISHING MEDIA:** CO<sub>2</sub>; Dry Chemical; Foam  
**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Monoxide and Carbon Dioxide  
**CONDITIONS OF FLAMMABILITY:** N/A  
**Lower Explosive Limit:** N/A      **Upper Explosive Limit:** N/A  
**EXPLOSION DATA:**  
    **IMPACT SENSITIVITY:** N/A  
    **STATIC DISCHARGE:** N/A  
    **AUTOIGNITION:** N/A

**Section #6: ACCIDENTAL RELEASE MEASURES**

**GENERAL:** Confine spill, use local and/or federal regulations in the collecting and disposal of material.

**Section #7: HANDLING AND STORAGE**

**HANDLING:** Wear Safety Goggles, Use Protective Gloves  
**STORAGE:** Store between 60 & 90 degrees F. Keep containers sealed until ready for use.  
Avoid (keep away) from sources of ignition.

**Section #8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** N/A  
**PERSONAL PROTECTION:**  
    **EYE/FACE:** Wear Chemical Safety Goggles  
    **SKIN:** Use Oil-Resistant Gloves  
    **RESPIRATORY:** N/A

**Section #9: PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Viscous Liquid  
**ODOR AND APPEARANCE:** Mild Odor, Black-Gray Color  
**BOILING POINT:** 100 degrees C  
**Viscosity:** 52 SUS  
**PH:** N/A  
**VAPOR PRESSURE (mmHg):** <0.1mm Hg @ 20 degrees C  
**SPECIFIC GRAVITY:** 1.4  
**WATER SOLUBILITY:** Soluble  
**FREEZE POINT:** Under 25 Degrees F  
**EVAPORATION RATE:** N/A  
**COEFFICIENT WATER/OIL:**

**Section #10: STABILITY AND REACTIVITY**

**STABILITY:** Stable  
**STABILITY CONDITIONS TO AVOID:** None  
**REACTIVITY:** N/A  
**REACTIVITY CONDITIONS TO AVOID:** Exposure to heat or flame causes evaporation

**Section #11: TOXICOLOGICAL INFORMATION**

**ACUTE HEALTH HAZARDS:**  
**ACUTE ORAL:** N/A  
**COMPONENTS:** N/A

**Section #12: ECOLOGICAL INFORMATION**

**GENERAL:** Not expected to present any significant ecological problems

**Section #13: DISPOSAL INFORMATION**

**WASTE DISPOSAL:** Comply with State and/or Federal regulations  
**RCRA HAZARDOUS WASTE:** Not RCRA hazardous waste

**Section #14: TRANSPORTATION INFORMATION**

**DOT HAZARD CLASS:** Not Regulated  
**PROPER SHIPPING NAME:** Lubricated Water with Abrasive  
**IDENTIFICATION NUMBER:** N/A  
**TDGA:** Not Listed  
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**Section #15: REGULATORY INFORMATION**

**TSCA STATUS:** All ingredients in this product are on the TSCA inventory  
**WHMIS CLASSIFICATION:** N/A  
**SARA Title III:** No SARA section 313 components exist in this product

**Section #16: OTHER INFORMATION**

**HMIS Code: Health 1, Flammability 0, Reactivity 0**

**NFPA Code: Health 0, Flammability 0, Reactivity 0**

**Volatile Organic Compounds (VOCS): 0.00 lbs/gal, 000 grams/liter**

The information contained in this Material Safety Data Sheet (MSDS) document is believed to be accurate and reliable. Because it is impossible to anticipate all conditions of use, some additional safety precautions may be required. *LAPMASTER INTERNATIONAL, LLC, MAKES NO REPRESENTATION OR WARRANTY, EITHER EXPRESS OR IMPLIED, AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.* Each user should read and understand the information provided and incorporate it into their individual site safety programs as required by applicable hazard communication standards and regulations.

**ABBREVIATIONS:**

<b>ACGIG</b>	<b>American Conference of Governmental Industrial Hygienists</b>
<b>CAS</b>	<b>Chemical Abstracts Service</b>
<b>EPA</b>	<b>Environmental Protection Agency</b>
<b>PEL</b>	<b>Permissible Exposure Limit</b>
<b>PPE</b>	<b>Personal Protective Equipment</b>
<b>EPRCA 313</b>	<b>Emergency Planning &amp; Community Right-to-Know Act, Section 313</b>
<b>WHIMIS</b>	<b>Canadian Workplace Hazardous Material Information System</b>
<b>OSHA</b>	<b>Occupational Health and Safety Administration</b>