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Lapmaster  
International



## MATERIAL SAFETY DATA SHEET

Date: March 2006

### Section #1: PRODUCT AND COMPANY IDENTIFICATION

Lapmaster International, LLC  
6400 Oakton Street  
Morton Grove, IL 60053

Telephone: (847) 967-2975 (Office Hours 8:00 a.m. to 5:30 p.m. CST)

Product Identification: Lapmaster-Kemet Emulsified Diamond Slurry (K2)  
Product Name: Diamond Slurry Formulation LAP5-DIAS-XOO-E00X

### Section #2: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient Information: Aliphatic Oil Invert Emulsion, Dispersion Agents, Diamond Powder

Component Name	Percentage %	CAS Number	OSHA PEL	ACGIH TWA
Isopropanol	< 1%	67-63-0		
Aliphatic Hydrocarbon	< 50%	64742-47-8	N/A	N/A

### Section #3: HAZARDS INFORMATION

EMERGENCY OVERVIEW: Spill may cause slipping hazard

POTENTIAL HEALTH EFFECTS:

**EYE:** May cause irritation  
**SKIN:** May cause irritation & dryness from repeated exposure  
**INGESTION:** May cause irritation, do not induce vomiting, seek medical attention  
**INHALATION:** Excessive exposure to mist or vapor may cause irritation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

None Known

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

Health – 2  
Flammability - 2

**SIGNS AND SYMPTOMS OF EXPOSURE:**

No Data Available

**CHRONIC / CARCINOGENICITY:**

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:** Give plenty of water - DO NOT Induce Vomiting – Seek Medical Attention  
**INHALATION:** Not probable, but consult physician after significant exposure

**Section #5: FIRE FIGHTING MEASURES**

**FIRE FIGHTING:** Do not use combustibles  
**EXTINGUISHING MEDIA:** CO<sub>2</sub>; Dry Chemical; Foam  
**HAZARDOUS COMBUSTION PRODUCTS:** 64742-47-8 may be in vapor form  
**CONDITIONS OF FLAMMABILITY:** N/A  
**EXPLOSION DATA:**  
IMPACT SENSITIVITY: N/A  
STATIC DISCHARGE: 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 & 100 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 Colored to Industry Standards  
ODOR AND APPEARANCE: Mild Oil Odor  
BOILING POINT: 355 degrees F  
FLASH POINT: 280 degrees F  
MELTING POINT: N/A  
PH: N/A  
VAPOR PRESSURE (mmHg): N/A  
SPECIFIC GRAVITY: 0.90  
WATER SOLUBILITY: Readily emulsifies  
% VOLATILES: 70-90%  
EVAPORATION RATE: >1.0  
COEFFICIENT WATER/OIL: N/A

**Section #10: STABILITY AND REACTIVITY**

STABILITY: Stable  
STABILITY CONDITIONS TO AVOID: Carbon Oxides  
REACTIVITY: N/A  
REACTIVITY CONDITIONS TO AVOID: Oxidizers

**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: Not Regulated  
IDENTIFICATION NUMBER: Not Regulated  
TDGA: Not Listed

**Section #15: REGULATORY INFORMATION**

TSCA STATUS: N/A  
WHMIS CLASSIFICATION: N/A

**Section #16: OTHER INFORMATION**

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>