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Lapmaster  
International



## MATERIAL SAFETY DATA SHEET

Date: April 2012

### 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)  
24-Hour Emergency Number: Chemtrec – 1-800-424-9300

Product Identification: Water Soluble Diamond Slurry Series Number 4476  
Product Name: Diamond Slurry Formulation LAP5-DIAS-X4X-WXXX

### Section #2: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient Information: Water, Glycol, Diamond Powder

Component Name	Percentage %	CAS Number	OSHA PEL	ACGIH TWA
Ethylene Glycol	<30%	107-21-1	50ppm	50ppm
Silicon Dioxide	<1%	112945-52-5	20 mppcf	10mg/m <sup>3</sup>
Triethanolamine	<1%	012-71-6	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  
**INGESTION:** May cause irritation  
**INHALATION:** No hazard in normal use

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

*Harmful or fatal if swallowed, affects central nervous system*

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

None Known

**SIGNS AND SYMPTOMS OF EXPOSURE:**

None Known

**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:** If victim is conscious: Provide plenty of water or milk & induce vomiting–  
Seek Immediate Medical Attention  
**INHALATION:** Remove to Protected Area/Fresh Air, if needed

**Section #5: FIRE FIGHTING MEASURES**

**FIRE FIGHTING:** Non Flammable  
**EXTINGUISHING MEDIA:** N/A  
**HAZARDOUS COMBUSTION PRODUCTS:** N/A  
**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 & 90 degrees F. Keep containers sealed until ready for use.

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

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

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

**PHYSICAL STATE:** Viscous liquid colored to industry standards  
**ODOR AND APPEARANCE:** No strong odor; Milky Liquid  
**BOILING POINT:** 275 Degrees F  
**MELTING POINT:** N/A  
**PH:**  
**VAPOR PRESSURE (mmHg):** N/A  
**SPECIFIC GRAVITY:** N/A  
**WATER SOLUBILITY:** Yes  
**% VOLATILES:** N/A  
**EVAPORATION RATE:** N/A  
**COEFFICIENT WATER/OIL:** N/A

**Section #10: STABILITY AND REACTIVITY**

**STABILITY:** Stable  
**STABILITY CONDITIONS TO AVOID:** Extreme Heat or Cold  
**REACTIVITY:** N/A  
**REACTIVITY CONDITIONS TO AVOID:** N/A

**Section #11: TOXICOLOGICAL INFORMATION**

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

**Section #12: ECOLOGICAL INFORMATION**

**GENERAL:** Contains Ethylene Glycol

**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**

**HMIS Rating: Health 1, Flammability 0, Reactivity 0, Personal Protection B  
NFPA Rating: Health 1, Flammability 0, Reactivity 0, Specific Hazard: None**

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>