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International



## MATERIAL SAFETY DATA SHEET

Date: August 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: Colloidal Silica Polishing Slurry  
Product Name: Colloidal Silica in 1 Gallon Containers LAP5-001-GAL-2360

### Section #2: COMPOSITION INFORMATION ON INGREDIENTS

#### Ingredient Information:

Component Name	Percentage %	CAS Number	OSHA PEL	ACGIH TWA
"This product contains no reportable hazardous materials"				
Amorphous Silica	<15%	7631-86-9	6 mg/m <sup>3</sup>	10mg/m <sup>3</sup>

### 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, unlikely route of exposure  
**INHALATION:** No hazard in normal use, unlikely route of exposure, aerosols/sprays may cause respiratory irritation

#### **MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

None Known

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

None Known

**SIGNS AND SYMPTOMS OF EXPOSURE:**

None Known

**CHRONIC / CARCINOGENICITY:**

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

**Section #4: FIRST AID MEASURES**

**EYES:** Remove Contacts – Flush eyes with water – If irritated, Seek Medical Attention  
**SKIN:** Flush target area with water – If irritated, Seek Medical Attention  
**INGESTION:** Provide plenty of water, do not induce vomiting– Seek Medical Attention  
**INHALATION:** Not Probable

**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:** White, milky liquid  
**ODOR AND APPEARANCE:** No odor; Thin Liquid  
**BOILING POINT:** 100 Degrees C  
**MELTING POINT:** N/A  
**PH:** 8.3 – 8.7  
**VAPOR PRESSURE (mmHg):** Same as Water  
**SPECIFIC GRAVITY:** 1.38  
**WATER SOLUBILITY:** Yes  
**VISCOSITY:** 25 cps @ 77 degrees Fahrenheit  
**EVAPORATION RATE:** 1.0  
**DENSITY:** 11.5 lbs./gallon

**Section #10: STABILITY AND REACTIVITY**

**STABILITY:** Extremely Stable  
**STABILITY CONDITIONS TO AVOID:** Freezing Temperatures  
**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:** This product contains surfactants and may be toxic to aquatic life, do not allow contact with open wet lands. However, this Product is completely biodegradable.

**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  
**HEALTH:** 1  
**FLAMMABILITY:** 0  
**REACTIVITY:** 0  
**PERSONAL PROTECTION:** B

**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:**

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