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Lapmaster
International



MATERIAL SAFETY DATA SHEET

Date: April 2010

Section #1: PRODUCT AND COMPANY IDENTIFICATION

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

Telephone: (847) 967-2975 (Office Hours 8:00 a.m. to 5:30 p.m. CST)
24-Hour Emergency Number: Chemtrec – 1-800-424-9300

Product Identification: Glycol Base Colloidal Silica Polishing Slurry
Product Name: Colloidal Silica in Plastic Containers METS-COLL-SiO2-XXXX

Section #2: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient Information: Silica, Water, Glycol

| Component Name | Percentage % | CAS Number | OSHA PEL | ACGIH TWA |
|------------------|--------------|------------|---------------------|---------------------|
| Ethylene Glycol | Proprietary | 107-21-1 | 50 ppm | 50 ppm |
| Amorphous Silica | Proprietary | 7631-86-9 | 6 mg/m ³ | 10mg/m ³ |

Section #3: HAZARDS INFORMATION

EMERGENCY OVERVIEW: Spill may cause slipping hazard

POTENTIAL HEALTH EFFECTS:

EYE: May cause mild irritation (formula not corrosive)
SKIN: May cause irritation/rash
INGESTION: May cause digestive tract problems
INHALATION: No significant hazard in normal use, usually, slurry in a mist may cause respiratory irritation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Harmful of fatal if swallowed, affects central nervous system

Section #9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Semi-clear liquid
ODOR AND APPEARANCE: No odor; Thin Liquid
BOILING POINT: 197 Degrees C
MELTING POINT: -13 Degrees C
PH: 3.0 – 4.0
VAPOR PRESSURE (mmHg): N/A
SPECIFIC GRAVITY: N/A
WATER SOLUBILITY: Yes
VISCOSITY: Low
EVAPORATION RATE: N/A
DENSITY: N/A

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

Section #15: REGULATORY INFORMATION

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

HMIS Rating:
HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0
PERSONAL PROTECTION: C

NFPA Rating:
HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0
SPECIFIC HAZARD: None

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 |