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Lapmaster
International



MATERIAL SAFETY DATA SHEET

Date: July 2007

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 ID: Water-Soluble Premixed Calcined Alumina Abrasive Slurry
Product Name: LAP5-PRWC-005-0009 Premix CA Water-Base Slurry (5 Gal. Pail)

Section #2: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient Information: Water, Dispersion & Stabilizing Agents, Black SiC Abrasive

Component Name	Percentage % by Weight	CAS Number	ACGIH TLV-STEL	ACGIH PEL-TWA
Calcined Alumina	<20%	1344-28-1	10 mg/m3	15 mg/m3
2, 2 Oxybis-ethanol	<20%	00000111-46-6	Not Established	Not Established
Hexylene Glycol	<5%	00000107-41-5	25 ppm	25 ppm
Sodium Sulfonate	<5%	00068608-26-4	Not Established	Not Established
Magnesium Silicate	<5%	53320-86-8	Not Established	Not Established

Section #3: HAZARDS INFORMATION

EMERGENCY OVERVIEW: Spill may cause slipping hazard

POTENTIAL HEALTH EFFECTS:

EYE: May cause mild irritation
SKIN: May cause irritation (unexpected)
INGESTION: No hazard in normal use
INHALATION: No hazard in normal use

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

None Known

HEALTH HAZARDS (ACUTE AND CHRONIC):

Health – 1
Flammability – 0
Reactivity - 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: Flush eyes with fresh water – If irritated, Seek Medical Attention
SKIN: Wash with Soap and water for 15 minutes – If irritated, Seek Medical Attention
INGESTION: Induce Vomiting Immediately – Seek Medical Attention
INHALATION: Remove to Fresh Air

Section #5: FIRE FIGHTING MEASURES

FIRE FIGHTING: Wear self-contained breathing apparatus. Avoid fume inhalation.
FLASH POINT: N/A
EXTINGUISHING MEDIA: CO₂; Dry Chemical; Foam
HAZARDOUS COMBUSTION PRODUCTS: None
CONDITIONS OF FLAMMABILITY: Caution concerning vapors in empty drums
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. Empty Containers retain product residue and can be dangerous: Do not expose to any sources of ignition, properly dispose of drums.

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: Thin Liquid/Compounded Abrasive Slurry
ODOR AND APPEARANCE: Mild Odor, Gray/Black Liquid
BOILING POINT: 212 degrees F
FREEZE POINT: 32 Degrees F
pH: 8.5
VAPOR PRESSURE (mmHg): < 0.1mm Hg
VAPOR DENSITY: Heavier than Air
SPECIFIC GRAVITY: 1.1437
WATER SOLUBILITY: Soluble
% VOLATILES: 0.05 lbs/gallon, 2 grams/liter
EVAPORATION RATE: Slower than Butyl Acetate
COEFFICIENT WATER/OIL DIST: 100% Water

Section #10: STABILITY AND REACTIVITY

STABILITY: Stable
STABILITY CONDITIONS TO AVOID: Strong Oxidizers, Reducers, Alkali or Nitrates
REACTIVITY: N/A
REACTIVITY CONDITIONS TO AVOID: Avoid Vapor Exposure to heat/flame (empty drums/containers)

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

HMIS Rating Information:

Health: 1

Flammability: 0

Personal Hazard: 0

NFPA Codes:

Health: 1

Flammability: 0

Personal Hazard: 0

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