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Lapmaster
International



MATERIAL SAFETY DATA SHEET

Date: December 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 Identification: White Calcined Alumina Abrasive Powder - ST
Product Name: White Calcined Alumina Powder #LAP5-ST02-0XX-7OXX

Section #2: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient Information: White Calcined Alumina Abrasive Powder

Component Name	Percentage %	CAS Number	OSHA PEL	ACGIH TWA
Al ₂ O ₃	99.59%	1344-28-1	15mg/m ³	10mg/m ³
Sodium Oxide	0.35%	-	-	-
Crystalline Silica	<0.10%	14808-60-7	30mg/m ³	1mg/m ³
Silicon Dioxide	<1.00%	7631-86-9	-	6mg/m ³

Section #3: HAZARDS INFORMATION

EMERGENCY OVERVIEW: Product spill may cause slipping hazard

POTENTIAL HEALTH EFFECTS:

EYE: May cause irritation
SKIN: May cause irritation (not absorbed thru skin)
INGESTION: No known adverse effects
INHALATION: Can cause coughing/irritation if inhaled

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Can aggravate existing dermatitis

HEALTH HAZARDS (ACUTE AND CHRONIC):

No Data Available

SIGNS AND SYMPTOMS OF EXPOSURE:

No Data Available

CHRONIC / CARCINOGENICITY:

N/A

NTP: Not Listed
OSHA: Not Listed
IARC: Not Listed

Section #4: FIRST AID MEASURES

EYES: Remove Contacts – Irrigate eyes with lots of water – Seek Medical Attention
SKIN: Wash with Soap and water for 15 minutes – If irritated, Seek Medical Attention
INGESTION: Not Probable – If large amount swallowed – Seek Medical Attention
INHALATION: Remove to fresh air if irritated/coughing. If applicable, remove victim to fresh air or apply artificial respiration

Section #5: FIRE FIGHTING MEASURES

FIRE FIGHTING:
EXTINGUISHING MEDIA: NAIF
HAZARDOUS COMBUSTION PRODUCTS: None
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 & Respiration Equipment
STORAGE: 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 Oil-Resistant Gloves
RESPIRATORY: As Needed, Approved Dust Respirator

Section #9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Light White Powder
ODOR AND APPEARANCE: White Granular Powder, No Odor
BOILING POINT: 2,450 Degrees Centigrade
MELTING POINT: 2,000 Degrees Centigrade
PH: 7-8
VAPOR PRESSURE (mmHg): N/A
SPECIFIC GRAVITY: 3.94 gm/cc
WATER SOLUBILITY: No
% VOLATILES: N/A
EVAPORATION RATE: N/A
COEFFICIENT WATER/OIL: N/A

Section #10: STABILITY AND REACTIVITY

STABILITY: Stable
STABILITY CONDITIONS TO AVOID: Inert
REACTIVITY: Inert
REACTIVITY CONDITIONS TO AVOID: Inert

Section #11: TOXICOLOGICAL INFORMATION

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

Section #12: ECOLOGICAL INFORMATION

GENERAL: No expected 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