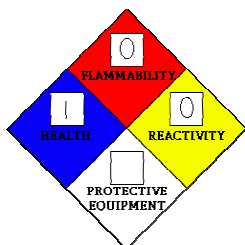




ELECTRO ABRASIVES CORPORATION

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NFPA



HMIS

MATERIAL SAFETY DATA SHEET

Rev 5/12/08

To the purchaser: This MSDS contains important environmental safety and health information for your employees who will be using this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

MANUFACTURERS NAME: **Electro Abrasives Corp** PHONE NO: **716-822-2500**
 ADDRESS: **701 Willet Road Buffalo New York 14218**

SECTION I

TRADE NAME: **Electro-Ox** DOT CLASS ID
 NUMBER: **N/A**
 CHEMICAL & COMMON NAME(S): **White Calcined Alumina** FORMULA:
Al₂O₃

SECTION II

OSHA POTENTIAL HAZARDOUS INGREDIENTS		%	<u>EXPOSURE LIMITS</u>		
COMPONENT	CAS #	(optional)	ACGIH-TLV	OSHA PEL	OTHER
Alpha Alumina (Al ₂ O ₃)	1344-28-1	99+	10.5mg/m3	15mg/m3	Total Dust

SECTION III. PHYSICAL DATA

<u>BOILING POINT (deg F)</u>	<u>N/A</u>	<u>SPECIFIC GRAVITY (H₂O = 1)</u>	<u>3.7 – 3.8</u>
<u>VAPOR PRESSURE (mm Hg)</u>	<u>N/A</u>	<u>ACIDITY (ph) in water</u>	<u>3.5 - 5</u>
<u>VAPOR DENSITY (AIR = 1)</u>	<u>N/A</u>	<u>EVAPORATION RATE (BUTL ACETATE = 1)</u>	<u>N/A</u>
<u>SOLUBILITY IN WATER</u>	<u>Insoluble</u>	<u>MELTING POINT</u>	<u>2053 deg C</u>
<u>VOLATILES BY VOLUME (%)</u> <u>N/A</u>			
<u>APPEARANCE & ODOR</u> White, granular – Odorless Material			

SECTION IV. FIRE & EXPLOSION HAZARD DATA

<u>FLASH POINT</u>	<u>N/A</u>	<u>FLAMMABLE LIMITS :</u>	<u>LEL: N/A</u>
<u>DEL: N/A</u>			
<u>EXTINGUISHING MEDIA:</u> Not flammable			
<u>SPECIAL FIRE FIGHTING PROCEDURES:</u> None required			
<u>UNUSUAL FIRE & EXPLOSION HAZARDS:</u> (See Reactivity Section for other physical hazards) None			

SECTION V. REACTIVITY DATA

<u>STABILITY:</u>	<u>STABLE</u>
<u>CONDITIONS TO AVOID:</u>	<u>NONE</u>
<u>INCOMPATIBILITY (Materials to Avoid):</u>	<u>NONE</u>
<u>HAZARDOUS DECOMPOSITION PRODUCTS:</u>	<u>NONE</u>
<u>HAZARDOUS POLYMERIZATION:</u>	<u>WILL NOT OCCUR</u>

SECTION VI. HEALTH HAZARD DATA

<u>PRIMARY ROUTES OF ENTRY:</u>	<u>NASAL</u>
<u>LISTED AS CARCINOGEN:</u>	<u>NO</u>
<u>SYMPTOMS AND EFFECTS OF OVEREXPOSURE:</u> Lung irritation may be evidenced by shortness of breath. Prolonged exposure may lead to pulmonary problems. Avoid dust from A/O 240 mesh & finer.	
<u>EMERGENCY AND FIRST AID PROCEDURES:</u> Remove from dusty area. Use adequate ventilation to meet exposure limits listed in Section II.	

SECTION VII. SPILL OR LEAK PROCEDURES

<u>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:</u> Uncontaminated material may be scooped up for use. If Contaminated scoop or vacuum into a receptacle for disposal.
<u>WASTE DISPOSAL METHOD:</u> Use a sanitary landfill in accordance with local, State, and Federal regulations.

SECTION VIII. RECOMMENDED CONTROL MEASURES

RESPIRATORY PROTECTION: U.S. Bureau of Mines approved for dusts and pneumoconiosis.

VENTILATION: LOCAL EXHAUST: Normal dust collector.

MECHANICAL (General) : N/A

SPECIAL: N/A

PROTECTIVE GLOVES: N/A. EYE PROTECTION: Goggles

OTHER PROTECTIVE EQUIPMENT: N/A

SPECIAL PROTECTIVE MEASURES FOR REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT: N/A

SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING (Including appropriate hygienic practices)

Use with commonly accepted industrial safety procedures. Avoid ingestion, inhalation of dust, exposure to eyes or prolonged contact with skin.

Judgments as to the suitability of information herein or to the purchaser's purposes are necessarily the purchaser's responsibility. Reasonable care has been taken in the preparation of this information, but **ELECTRO ABRASIVES CORP. EXTENDS NO WARRANTIES, MAKES NO REPRESENTATIONS, AND ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY OR SUITABILITY OF THIS INFORMATION FOR ANY PURCHASER'S OR FOR ANY CONSEQUENCE OF ITS USE.**