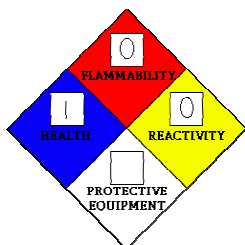




ELECTRO ABRASIVES CORPORATION

701 Willet Road
 Buffalo, NY 14218
 Telephone: 716-822-2500
 Fax: 716-822-2858
 e-mail: info@electroabrasives.com
 web-site: www.electroabrasives.com



NFPA



HMIS

MATERIAL SAFETY DATA SHEET Rev 05/12/08

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.

EMERGENCY

CONTACT

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

SECTION I

TRADE NAME: ElectroPol **DOT CLASS ID**
NUMBER: N/A
CHEMICAL & COMMON NAME(S): Rare Earth Oxide **FORMULA:**
 (Cerium Oxide)

SECTION II

OSHA POTENTIAL HAZARDOUS INGREDIENTS		%	<u>EXPOSURE LIMITS</u>	
COMPONENT	CAS #	(optional)	ACGIH-TLV	OSHA PEL
Rare Earth Oxide	68188-83-0	55-75%	10mg/m3 Total*	15mg/m3 Total**
Kaolin (amorphus silica)	1332-58-7	25-45%	10mg/m3 Total*	15 mg/m3 Total**

* 3mg/m3 Respirable ** 5mg/m3 Respirable

SECTION III. PHYSICAL DATA

BOILING POINT (deg F) N/A	SPECIFIC GRAVITY (H ₂ O = 1) 5 – 6.5
VAPOR PRESSURE (mm Hg) N/A	ACIDITY (ph) 6.0 – 9.0
VAPOR DENSITY (AIR = 1) N/A	EVAPORATION RATE (BUTL ACETATE = 1) N/A
SOLUBILITY IN WATER Insoluble	MELTING POINT: N/A
VOLATILES BY VOLUME (%) N/A	PHYSICAL STATE: Powder
APPEARANCE & ODOR Tan color	

SECTION IV. FIRE & EXPLOSION HAZARD DATA

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

SECTION V. REACTIVITY DATA

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

SECTION VI. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:	INHALATION
SYMPTOMS AND EFFECTS OF OVEREXPOSURE: Lung irritation may be evidenced by shortness of breath. Prolonged exposure may lead to pulmonary problems. Avoid dust .	
EMERGENCY AND FIRST AID PROCEDURES: Remove To Fresh Air, Give Supportive Therapy As Needed.	

SECTION VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Uncontaminated material may be scooped up for use. If Contaminated scoop or vacuum into a receptacle for disposal.
WASTE DISPOSAL METHOD: 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: If Above OSHA Limits, Respiratory Protection Should

Be Worn.

PROTECTIVE GLOVES: N/A. EYE PROTECTION: Goggles

OTHER PROTECTIVE EQUIPMENT: STD TYVEK To Protect Against Dust and Particulates

SPECIAL PROTECTIVE MEASURES FOR REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT: Protective Gloves, Clothing and Respiratory Protection

SECTION IX. SPECIAL PRECAUTIONS

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

Use 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.