

# MATERIAL SAFETY DATA SHEET

## SECTION 1: CHEMICAL PRODUCT & COMPANY INFORMATION

PART#:	40011B	24 HR. PHONE #:	Chem-Trec 1-800-424-9300
IDENTITY:	Glass Polishing Compound	FOR INFORMATION:	USA & Canada: 1-800-345-1178
MANUFACTURED FOR:	The Easthill Group dba/ The Eastwood Co. 263 Shoemaker Rd. Pottstown, PA 19464	DATE PREPARED:	Outside USA: (610) 323-2200 <b>May 26, 2009</b>

## SECTION 2: COMPOSITION INFORMATION

COMPONENT	CAS #	WEIGHT %	ACGIH TLV	OSHA PEL
Rare Earth Oxide	68188-83-0	50 - 70	10 mg/m3 Total**	15 mg/m3 Total***
Rare Earth Fluoride	68188-85-2	30 - 50	2.5 mg F /m3 TWA	2.5 mg F /m3 TWA

Respirable Levels = \*\* 3mg/m3 \*\*\* 5mg/m3

## SECTION 3: HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW:

If caused to dust above the TLV, PEL or TWA limits, personal protective equipment is required. Read above ingredient limits levels. Prolonged overexposure to dusts may cause lung damage. This product is under TCLP limits. This material contains very low levels of naturally occurring radioactive material (NORM).

### POTENTIAL HEALTH EFFECTS FOR PRINCIPLE ROUTES OF EXPOSURE:

EYE CONTACT:	<b>Dust may irritate eyes. Contact with dust or slurry may be abrasive and irritating causing tearing and redness.</b>
SKIN CONTACT:	<b>Not absorbed through skin. Contact with broken skin may be severely irritating and result in redness, burning, swelling and skin damage.</b>
INHALATION:	<b>Breathing dust may result in irritation of the nose and throat. If airborne concentrations exceed established exposure limits, a suitable filter type respirator should be worn.</b>
INGESTION:	<b>All accidental ingestion of dust or slurry may cause irritation of the digestive tract.</b>
CARCINOGENICITY:	<b>Prolonged inhalation/overexposure to dusts may cause irreversible lung damage.</b>

## SECTION 4: FIRST AID MEASURES

EYE CONTACT:	<b>Wash with large amounts of water, obtain first aid or medical assistance if needed. Avoid rubbing, may cause to scratch eye. Seek medical attention.</b>
SKIN CONTACT:	<b>Remove contaminated clothing and flush affected area with large amounts of water. Obtain first aid or medical assistance if needed.</b>
INHALATION:	<b>Remove to fresh air; apply artificial respiration as needed, obtain first aid or medical assistance.</b>

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INGESTION: **Obtain first aid or medical assistance if needed. Drink large amounts of water if patient is conscious.**

NOTE FOR PHYSICIAN: **Lanthanides, because of their high density, can produce abnormalities on chest x-ray. Lanthanides generally are not felt to be fibrogenic and the lesions typically have little or no clinical significance. However, occasional cases of pneumoconiosis have been reported.**

### SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: FLASH POINT: **N/A**  
METHOD USED: **N/A**

FLAMMABLE LIMITS: LFL: **N/A**  
UFL: **N/A**

EXTINGUISHING MEDIA: **N/A**

FIRE & EXPLOSION HAZARDS: **Not flammable.  
No flash point.  
No fire or explosion hazard.**

FIRE FIGHTING INSTRUCTIONS: **Use sufficient local exhaust to reduce the dust.**

FIRE FIGHTING EQUIPMENT: **Use self-contained breathing apparatus, NIOSH approved, to avoid dust or fumes generated during fire fighting efforts.**

### SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: **Avoid contact with skin, eyes and clothing. Use personal protective equipment.**

METHODS FOR CLEANING UP: **Spill Procedures: Use dustless methods - vacuum and place into closable container for disposal, or flush with water. Do not dry sweep. Flush spilled material into suitable retaining areas or containers with water to avoid airborne particulates. Keep upwind.**

### SECTION 7: HANDLING & STORAGE

HANDLING: **Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing.**

STORAGE: **Keep container tightly closed in a dry and well-ventilated place.**

### SECTION 8: PERSONAL PROTECTION AND EXPOSURE CONTROLS

EXPOSURE GUIDELINE (S): **SEE SECTION 2.**

ENGINEERING CONTROLS: **Handle with adequate ventilation for nuisance dust; see OSHA 29 CFR 1910.94 ventilation and CFR 1910.1000 (air contaminants) normal clean-up procedures. A source of clean water should be available to flush eyes/skin.**

EYE PROTECTION: **Safety glasses with side-shields.**

SKIN PROTECTION: **Impervious gloves & Lightweight protective clothing.**



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### RESPIRATORY PROTECTION:

**If Airborne Concentrations exceed established limits, a NOISH approved respirator should be worn. In order to limit exposure to NORM, production workers should wear appropriate NIOSH approved dust respirators when conditions are dusty, such as during clean-up and equipment malfunction.**

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

COLOR	<b>Red Brown Orange</b>	PHYSICAL STATE	<b>Powder</b>
ODOR	<b>Odorless</b>	MOLECULAR WEIGHT	<b>N/A</b>
BOILING POINT/RANGE (°C)	<b>N/F</b>	PH	<b>6 - 8</b>
FREEZING POINT/RANGE (°C)	<b>N/F</b>	SPECIFIC GRAVITY (WATER =1)	<b>5.4</b>
VAPOR PRESSURE (MMHG)	<b>N/F</b>	EVAPORATION RATE (WATER =1)	<b>N/F</b>
WATER SOLUBILITY (MG/L)	<b>Insoluble</b>	VOC CONTENT (%)	<b>N/F</b>

### SECTION 10: STABILITY & REACTIVITY

#### CHEMICAL STABILITY:

**Stable**

#### INCOMPATIBILITY:

**Strong Acids.**

#### HAZARDOUS DECOMPOSITION PRODUCTS:

**Will not occur.**

#### HAZARDOUS POLYMERIZATION:

**Will not occur.**

### SECTION 11: TOXICOLOGICAL INFORMATION

**See Potential Health Effects in Section 3.**

#### RARE EARTH OXIDES:

**SUBCHRONIC: N/A**

**CHRONIC / CARCINOGENICITY: N/A**

**TERATOLOGY: N/A**

**REPRODUCTION: N/A**

**MUTAGENICITY: N/A**

**SENSITIZATION: Material may irritate skin.**

### SECTION 12: ECOLOGICAL INFORMATION

**N/A**

### SECTION 13: DISPOSAL INFORMATION



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WASTE FROM RESIDUES / UNUSED PRODUCTS: **Waste must be disposed of in accordance with federal, state and local environmental control regulations. Where possible recycling is preferred to disposal or incineration.**

### SECTION 14: TRANSPORTATION INFORMATION

DOT HAZARD CLASS: **Not regulated material.**

U.N. / N.A. NUMBER: **N/A**

### SECTION 15: REGULATORY INFORMATION

(NOT MEANT TO BE ALL INCLUSIVE - SELECTED REGULATION REPRESENTED)

OSHA STATUS: **Material contains low levels of naturally occurring radioactive material (NORM) because of the rare earth.**

TSCA STATUS: **Listed in TSCA**

CERCLA REPORTABLE: **No**

SARA TITLE III:

SECTION 302 EXTREMELY	<b>No</b>
SECTION 311/312	<b>No</b>
SECTION 313 TOXIC	<b>No</b>

RCRA STATUS: **No**

CALIFORNIA PROPOSITION 65: **N/A**

### SECTION 16: OTHER INFORMATION

**HMIS Rating: Health 1, Flammability 0, Reactivity 0, Personal Protection X (X= Ask your Supervisor)**

**N/A = Not applicable**

**N/F = Not found**

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