

MATERIAL SAFETY DATA SHEET

OSHA-MEETS 29 CFR 1910.1200 STANDARDS

HMIS HAZARD RATINGS

PAREXLAHABRA, INC.
EL REY® STUCCO

HEALTH	1	0=INSIGNIFICANT	3=HIGH
FLAMMABILITY	0	1=SLIGHT	4=EXTREME
REACTIVITY	0	2=MODERATE	

CONCRETE & MORTAR PIGMENTS

TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Not regulated
HAZARD CLASS/DIVISION: Non-hazardous REF:
IDENTIFICATION NUMBER: None

IDENTITY (AS USED ON LABEL AND LIST)

ER 80 YELLOW

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SECTION I

MANUFACTURER'S NAME
El Rey Stucco

EMERGENCY TELEPHONE NUMBER
Chemtrec (800) 424-9300

ADDRESS (NUMBER, STREET, P.O. BOX)
4100^{1/2} Broadway SE

TELEPHONE NUMBER FOR INFORMATION
(505) 873-1181

CITY, STATE AND ZIP CODE
Albuquerque, NM 87105

DATE PREPARED: December 9, 1999
SUPERCEDES: June 22, 1999

SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS Common Name: Specific Chemical Identity	CAS #	% BY WEIGHT
Manganese Dioxide MnO ₂	1313-13-9	<1
Aluminum Oxide Al ₂ O ₃	1344-28-1	<3
Hydrated Ferric Iron oxide Fe ₂ O ₃ •H ₂ O	1310-14-1	80 - 90
Iron Oxide Fe ₂ O ₃	1309-37-1	1 - 10
Silicon Dioxide SiO ₂	14808-60-7	3 – 8

HAZARDS IDENTIFICATION: Poses little or no immediate hazard. Not absorbed by the body.

OSHA Hazardous Components (29 CFR 1910.1200):	OSHA PEL Respirable Dust	ACGIH TLV Total Dust
SiO ₂	0.1 mg/m ³	0.1 mg/m ³
MnO ₂	5 mg/m ³	5mg/m ³

This product is considered a carcinogen by IARC because it contains crystalline silica at levels greater than 0.1%.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT Not applicable	SPECIFIC GRAVITY (WATER = 1) 3.3 - 3.5
VAPOR PRESSURE (MM HG) Not applicable	VOLATILE ORGANIC COMPOUNDS (VOC's) Not applicable
VAPOR DENSITY (AIR = 1) Not applicable	EVAPORATION RATE (N-BUTYL ACETATE = 1) Not applicable
SOLUBILITY IN WATER Slightly soluble <0.5%	MELTING POINT: Above 1000° C
APPEARANCE AND ODOR Orange powder, no discernible odor	pH/10% SOLUTION: 4 - 7

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SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)
Not-flammable

FLAMMABLE LIMITS LEL: UEL:
Not applicable Not applicable

EXTINGUISHING MEDIA
As appropriate for surrounding combustibles. Material will not support combustion.

FIRE FIGHTING EQUIPMENT
Respiration and eye protection

UNUSUAL FIRE AND EXPLOSION HAZARDS
None

SECTION V – REACTIVITY DATA

STABILITY
UNSTABLE: STABLE: XXX

CONDITIONS TO AVOID:
None

INCOMPATIBILITY (MATERIALS TO AVOID):
None

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
None

HAZARDOUS POLYMERIZATION
MAY OCCUR: WILL NOT OCCUR: XXX

CONDITIONS TO AVOID:
None

SECTION VI-HEALTH HAZARD DATA

ROUTES OF ENTRY-SIGNS AND SYMPTOMS OF EXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: None expected, however may cause minor irritation.

Remove victim to fresh air.

SKIN: None expected, however, prolonged contact may cause irritation.

Remove contaminated clothing; wash affected area with soap and water.

EYES: This product is considered to be an eye irritant.

Flush eyes with clear running water for 15 minutes. Seek medical attention.

INGESTION: May cause gastric distress, vomiting and diarrhea.

Give two glasses of water for dilution; induce vomiting. Seek medical attention.

HEALTH HAZARDS (ACUTE AND CHRONIC): Prolonged inhalation of iron dust or fume can cause a benign pneumoconiosis known as siderosis. The associated X-ray changes are not considered to be associated with any physical impairment of lung function. The inhalation of dust in excess of the TLV may cause mild pulmonary irritation. Long term over-exposure to silica causes silicosis. This product is considered a carcinogen by IARC because it contains crystalline silica at levels greater than 0.1%. Fumes from heated manganese may cause metal fume fever. Shortness of breath and chest congestion may signal manganese pneumonia. Lung, liver, and kidney damage are possible effects of manganese overexposure.

HEALTH CONDITIONS AGGRAVATED BY EXPOSURE: Preexisting skin, eye or respiratory disorders.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

GENERAL: Refer to State, Federal and Local regulations for specific disposal information. Pursuant to 40CFR part 261 of the RCRA Act regulations currently in effect., discarded iron oxides would not be classified as a hazardous waste.

LAND SPILL: Scoop up and dispose of. Avoid dusting conditions, spraying water on area may reduce dusting.

WATER SPILL: Product is inert and stable. Decomposition and polymerization will not occur.

OTHER PRECAUTIONS: Keep this and other chemicals out of reach of children; minimize body contact with this product as well as all chemicals in general.

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SECTION VIII-EXPOSURE CONTROL - PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended limits. Provide mechanical ventilation of confined areas.

SKIN PROTECTION: Gloves appropriate for job.

EYE PROTECTION: Safety glasses or goggles.

RESPIRATOR: If exposure limits are exceeded, use a NIOSH approved dust respirator.

WORK/HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

SECTION IX-REGULATORY INFORMATION

DISPOSAL: Iron Oxides are not hazardous wastes per 40 CFR 261.24 or 261.3. However, the user should consult with the state and local regulatory agencies before disposing of the material.

SPILL REPORTING: Iron Oxides are not CERCLA hazardous substances, per 40 CFR 302.4. 40 CFR 302.4 does apply to Manganese compounds. These are not on the list of hazardous substances under the Clean Water Act (40 CFR 116 and 40 CFR 117), nor are they included on the list of Extremely Hazardous Substances under SARA, 40 CFR 355 Appendix A. Thus, there are no Federal reporting requirements in the event of the release of these materials.

SARA REPORTING: Iron Oxides are not subject to the reporting requirements of Section 302 of SARA, since they are not extremely hazardous substances. In addition, these iron oxides are not subject to the reporting requirements of Section 313 of SARA. However, due to the presence of silica-quartz and manganese compounds, these natural iron oxides are regulated as mixtures under the reporting requirement of Sections 311 and 312 of SARA.

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