11-2006 4284 JKW AC

MATERIAL SAFETY DATA SHEET

Elementis Pigments Inc.
11 Executive Dr., Suite 1
Fairview Heights, IL 62208

Product: SYNTHETIC / NATURAL IRON OXIDE BLENDS
MSDS No. PIGMENT / EPI-024
Revision: Original
Date: January 1998

HAZARD MATERIAL IDENTIFICATION SYSTEM

Health Hazard	1 - Slight
Flammability Hazard	0 - Minimal
Reactivity Hazard	0 - Minimal
Personal Protection	E - Glasses, Gloves, Dust Resp

SECTION I. MATERIAL IDENTIFICATION

Trade/Material Name: SYNTHETIC / NATURAL IRON OXIDE BLENDS

Description: Iron Oxide

Other Designations: NR-4284, NR-4686

Chemical Name: Fe_2O_3

MANUFACTURER: Elementis Pigments Inc.
11 Executive Dr., Suite 1
Fairview Heights, IL 62208

PHONE: 618-271-4700
E. St. Louis Plant

SECTION II. INGREDIENTS AND HAZARDS

INGREDIENT NAME:	CAS NUMBER:	PERCENT	EXPOSURE LIMITS	
Nat'l Iron Oxide	1332-37-2	30-50*	ACGIH TLV:	5 mg/M³ TWA (Iron Oxide Fume as Fe)
Syn. Iron Oxide	1332-37-2	40-60*	OSHA STEL:	10 ppm (Iron Oxide Fume as Fe)
Barium Sulfate	7727-43-7	5-15*	ACGIH TLV:	10 mg/M³ TWA total dust
			OSHA STEL:	10 ppm
Silica - Quartz	14808-60-7	0.1-1.5*	ACGIH TLV:	0.1 mg/M³ TWA Respirable Dust
			OSHA PEL:	10 mg/M³ TWA Respirable Dust

*Application Specific

(Ingredients and Hazards continued on next page)

(Ingredients and Hazards continued from previous page)

SARA TITLE III: Section 313 Supplier Notification

This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of the 1986 and of 40 CFR 372:

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance and Odor:	Reddish Brown Powder, No Odor
Solubility in Water (%):	Insoluble
Specific Gravity (H_2O=1):	4.9-5.1

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (method): Non-flammable Limits: LEL%: N/A UEL%: N/A

Extinguishing Media: As appropriate for surrounding combustibles. Does not burn or support combustion. No fire or explosion hazard.

Unusual Fire or Explosion Hazards: None

Special Firefighting Procedures: Firefighters should wear self-contained breathing apparatus.

SECTION V. REACTIVITY DATA

Material is stable - Hazardous polymerization will not occur

Chemical incompatibilities: None known

Hazardous Decomposition Products: Will not occur

SECTION VI. HEALTH HAZARD DATA

Summary of Health Risks and Symptoms of Exposure: Skin contact may cause mechanical irritation due to the abrasion. Eye contact will result in no specific effects other than general particulate irritation in the eye. Not absorbed by the body. Excessive exposure above the TLV can give mild pulmonary irritation.

Principal Routes of Entry: Inhalation, ingestion, skin and eye contact.

Accute Effects: Inhalation of the dust may cause mechanical irriation to the respiratory tract. Skin and eye contact may cause a mechanical abrasion irritation.

Chronic Health Effects(s): Long term overexposure to silica causes silicosis, a form of pulmonary fibrosis. Continued exposure to silica can lead to cardiopulmonary impairment.

Emergency and First Aid Procedures:

Eye Contact: Flush thoroughly with plenty of water for at least 15 minutes. Get medical help if irritation persists.

Skin Contact: Wash skin with mild soap and water.

Inhalation: Remove to fresh air. Get medical help for any breathing difficulty.

Ingestion: If conscious, give large quantities of water to induce vomiting. Get medical attention.

Crystalline silica which may be present in quantities greater than 0.1% has been reviewed by IARC. IARC found limited evidence for carcinogenicity of crystalline silica in humans and sufficient evidence in experimental animals.

SECTION VII. PRECAUTIONS FOR SAFE HANDLING, USE OR DISPOSAL

Spill / Leak procedures: Those involved in clean-up of spills should use respiratory protection for airborne dust. Vacuum or scoop up spilled material for recovery or disposal, avoiding dusting conditions and using good venilation. Wetting the spill with a water spray may help to keep the airborne dust levels down.

Waste management / disposal: Refer to any local, State or Federal regulations for specific disposal information. Pursuant to 40 CFR part 261 of the Resource Conservation & Recovery Act (RCRA) regulations currently in effect, discarded Iron Oxide would not be classified as a hazardous waste.

Precautions to be taken in handling and storing: For transportation emergencies, call CHEMTREC, 24 hour information service, (800) 424-9300.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Personal protective equipment:

Goggles:	Safety glasses with side shields or dust tight goggles.
Gloves:	Leather or rubber gloves.
Respirator:	If exposure limits are exceeded, an appropriate NIOSH approved dust respirator should be used.

Workplace Considerations:

Ventilation:	Provide adequate exhaust ventilation to meet TLV requirements in the workplace. An exhaust filter system may be required to avoid environmental contamination.
Safety Stations:	An eye wash station should be available to the area of use.
Other:	Good industrial hygiene practice requires that employee exposure be maintained below the recommended TLV. This is preferably achieved through the provision of adequate ventilation where necessary. Where dust cannot be controlled in this way, personal respiratory protection should be employed.

SECTION IX. SPECIAL PRECAUTIONS

DOT Class: Not regulated

Prared/revised by: R. E. Rader January 1998