

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: Fe₂O₃
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SECTION II. INGREDIENTS AND HAZARDS

<u>INGREDIENT NAME:</u>	<u>CAS NUMBER:</u>	<u>PERCENT</u>	<u>EXPOSURE LIMITS</u>
Nat'l Iron Oxide	1332-37-2	30-50*	ACGIH TLV: 5 mg/M ³ 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/M ³ TWA total dust OSHA STEL: 10 ppm
Silica - Quartz	14808-60-7	0.1-1.5*	ACGIH TLV: 0.1 mg/M ³ TWA Respirable Dust OSHA PEL: 10 mg/M ³ TWA Respirable Dust

*Application Specific

(Ingredients and Hazards continued on next page)

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.

Acute Effects:

Inhalation of the dust may cause mechanical irritation 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 ventilation. 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.