

MATERIAL SAFETY DATA SHEET

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

Product: YELLOW IRON OXIDE
MSDS No. PIGMENT / EPI-018
Revision: Revision 1
Date: January 1998

HAZARD MATERIAL IDENTIFICATION SYSTEM

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

SECTION I. MATERIAL IDENTIFICATION

Trade/Material Name: YELLOW IRON OXIDE

Description: Yellow Iron Oxide, C.I. Pigment Yellow 42. C.I. No. 77492

Other Designations: Y-0220
YB-2087, YB-2097, YB-2900, YB-3100, YB-5900
YO-2087, YO-2288, YO-2587, YO-2600, YO-2900, YO-3587,
YO-4900, YO-5087, YO-5286, YO-5900, YO-6087, YO-8087,
YLO-1888D, YLO-1988D, YLO-2288D, YLO-3288D, YLO-4088D
YP-1700, YP-2087, YP-2100, YV-1888, YV-1988, YV-2288
YLV-1900, YLV-1950
YS-3487
EP-1700, EP-2100

CAS: 51274-00-1

Chemical Name: Fe₂O₃·H₂O

MANUFACTURER: Elementis Pigments Inc. PHONE: 618-271-4700
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Fairview Heights, IL 62208

SECTION II. INGREDIENTS AND HAZARDS

<u>INGREDIENT NAME:</u>	<u>CAS NUMBER:</u>	<u>PERCENT</u>	<u>EXPOSURE LIMITS</u>
Iron Oxide Yellow	51274-00-1	>99	ACGIH TLV: 5 mg/M ³ TWA (Iron Oxide Fume as Fe) OSHA STEL: 10 ppm (Iron Oxide Fume as Fe)

(Ingredients and Hazards continued on next page)

SECTION VI.

HEALTH HAZARD DATA

This product is not considered a carcinogen by IARC, NTP, ACGIH or OSHA.

Summary of Health Risks
and Symptoms of Exposure:

May cause mechanical skin and eye irritation. Repeated and prolonged exposures to iron oxide dust may cause a benign pneumoconiosis called siderosis.

Principal Routes of Entry:

Inhalation, ingestion, skin and eye irritation

Accute Effects:

Causes mechanical skin and eye irritation.

Chronic Health Effects(s):

Prolonged inhalation of iron oxide dust is known to produce a condition known as siderosis. On X-rays it appears to be a benign pneumoconiosis and is not associated with pulmonary fibrosis or disability unless there is concurrent exposure to other fibrosis-producing materials such as silica. The TLV is set to protect against siderosis.

Emergency and First Aid Procedures:

- Eye Contact:** Flush eyes with generous amounts of water for at least 15 minutes. Call a physician if irritation persists.
- Skin Contact:** Wash skin with mild soap and water.
- Inhalation:** Remove to fresh air. Call a physician.
- Ingestion:** If conscious, give large quantities of water to induce vomiting. Get medical attention.

SECTION VII.

PRECAUTIONS FOR SAFE HANDLING, USE OR DISPOSAL

Spill / Leak procedures:

Vacuum or use wet clean-up techniques and place waste material in closed container.

Waste management / disposal:

Disposal must be made in accordance with Federal, State and local regulations. 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.