

2004 visual arts dept

YELLOW (E

Date: August 6, 1986

MATERIAL SAFETY DATA SHEET

(Similar to Form OSHA-20)

SECTION I

MANUFACTURER'S NAME CERAMIC COLOR & CHEMICAL MFG. CO.		EMERGENCY TELEPHONE NO. 412-846-4000
ADDRESS (Number, Street, City, State, and Zip Code) 13TH STREET & 11TH AVENUE NEW BRICHTON PA 15066		
CHEMICAL NAME AND SYNONYMS SYNTHETIC IRON OXIDE CAS #1309-37-1	TRADE NAME AND SYNONYMS YELLOW PIGMENT	
CHEMICAL FAMILY IRON OXIDE	FORMULA Fe ₂ O ₃	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS		TLV (Units)	ALLOYS AND METALLIC COATINGS		%	TLV (Units)
PIGMENTS			BASE METAL			
CATALYST			ALLOYS			
VEHICLE						
SOLVENTS						
ADDITIVES						
OTHERS						
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES					%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N.A.	SPECIFIC GRAVITY (H ₂ O=1)	4.09
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE	-1
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR	Yellow odorless powder		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N.A.	FLAMMABLE LIMITS	LoL	HiL
EXTINGUISHING MEDIA	Water Spray			
SPECIAL FIRE FIGHTING PROCEDURES	NONE			
INITIAL FIRE AND EXPLOSION HAZARDS	None			

SECTION V -- HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Eye Contact may cause irritation. Skin Contact prolonged or repeated contact may cause irritation. Inhalation causes irritation of the respiratory tract. Symptoms include cough, dyspnea, wheezing, and impairment of pulmonary function. Progression of symptoms can continue after dust exposure ceases. Ingestion is harmful. Note: Although industrial handling of this product has been good, the toxicological properties have not been fully investigated.

EMERGENCY AND FIRST AID PROCEDURES: Eye and skin contact: Immediately flush eyes with water to remove particles. Call a physician if irritation develops. Wash skin with soap and water. Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. Call a physician. Ingestion: Induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

CARCINOGENICITY: Not listed as a carcinogen in the NTP, IARC, or OSHA listings.