

MATERIAL SAFETY DATA SHEET

DATE: 12-2-86

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME CERAMIC COLOR & CHEMICAL MFG. CO.		EMERGENCY TELEPHONE NO. 412-846-4000
ADDRESS (Number, Street, City, State, and ZIP Code) P.O. BOX 297 NEW BRIGHTON, PENNA., U.S.A. 15066		
CHEMICAL NAME AND SYNONYMS ILMENITE	TRADE NAME AND SYNONYMS ILMENITE Granular & Powder	
CHEMICAL FAMILY MINERAL OXIDE	FORMULA FeTiO₃	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
NONE					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	OVER 2100°F	SPECIFIC GRAVITY (H ₂ O=1)	4.5
VAPOR PRESSURE (mm Hg.)	-	PERCENT, VOLATILE BY VOLUME (%)	0
VAPOR DENSITY (AIR=1)	-	EVAPORATION RATE (_____ =1)	0
SOLUBILITY IN WATER	0		
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	NOT FLAMMABLE	FLAMMABLE LIMITS		
EXTINGUISHING MEDIA	NONE			
SPECIAL FIRE FIGHTING PROCEDURES	NONE			
UNUSUAL FIRE AND EXPLOSION HAZARDS	NONE			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE **5.0 Mg/M³ - Respirable Dust**

EFFECTS OF OVEREXPOSURE **No toxic effects from excessive exposure.**

EMERGENCY AND FIRST AID PROCEDURES **None**

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Vacuum or shovel into convenient container

WASTE DISPOSAL METHOD

no special precautions.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) **Mechanical filter-type respirator**

VENTILATION	LOCAL EXHAUST X	SPECIAL None
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES None	EYE PROTECTION None
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OTHER PROTECTIVE EQUIPMENT **None**

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING **None**

OTHER PRECAUTIONS **None**