



Concrete Technology Incorporated

"Bringing Design & Beauty to Concrete Around the World"

AN INC. 500 COMPANY

www.flycti.com

MATERIAL SAFETY DATA SHEET

UPDATE: JANUARY 1, 2010

*** SECTION I PRODUCT INFORMATION ***

PRODUCT NAME: MINERAL FX COPPER

*** SECTION II INGREDIENTS ***

INGREDIENT	PERCENT	CAS#	CARCINOGEN	
			TLV	PEL
MICA	67-71	12001-26-2	3c mg/m3	3c mg/m3
IRON (III) OXIDE	29-33	1309-37-1	5u mg/m3	10d mg/m3

c. respirable dust; q. total dust and containing no asbestos and <1% free silica; N/A Not Available

*** SECTION III PHYSICAL DATA ***

APPEARANCE AND ODOR: ORANGE POWDER.
BOILING POINT: N/A
VAPOR DENSITY: N/A
VAPOR PRESSURE: N/A
SPECIFIC GRAVITY: 3.10-3.20 g/cm3
SOLUBILITY IN WATER: Not soluble
MELTING POINT: N/A
EVAPORATION RATE: N/A

*** SECTION IV FIRE AND EXPLOSION HAZARD DATA ***

FLASHPOINT: N/A
AUTO IGNITION: N/A
EXTINGUISHING MEDIA: WATER SPRAY, FOAM, CARBON DIOXIDE OR DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: N/A
UNUSUAL FIRE & EXPLOSION HAZARDS: N/A

*** SECTION V HEALTH HAZARD DATA ***

ROUTES OF ENTRY: EYES, INHALATION AND INGESTION
ACUTE: PERSISTENT COUGH AND POSSIBLE DIFFICULTY BREATHING.
CHRONIC: CHRONIC INHALATION MAY CAUSE PULMONARY FIBROSIS.



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SIGNS AND SYMPTOMS OF EXPOSURE: DUST MAY CAUSE MECHANICAL IRRITATION TO THE EYES AND RESPIRATORY TRACT. MAY CAUSE PULMONARY FIBROSIS AND PERMANENT DAMAGE WHEN INGESTED IN LARGE QUANTITIES OVER LONG PERIODS OF TIME.

MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN OTHER THAN THOSE THAT COULD BE AGGRAVATED BY DUST EXPOSURE SUCH AS RESPIRATORY IMPAIRMENT.

CARCINOGENIC: N/A

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: REMOVE SUBJECT TO FRESH AIR IMMEDIATELY. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. **DO NOT** USE MOUTH-TO-MOUTH RESUSCITATION.

EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF DISCOMFORT PERSISTS, GET MEDICAL ATTENTION.

SKIN: WASH AFFECTED AREA WITH SOAP AND WATER.

INGESTION: **DO NOT** INDUCE VOMITING. IF VICTIM IS CONSCIOUS AND ALERT, GIVE 2-4 GLASSES OF MILK OR WATER. GET MEDICAL ATTENTION.

*** SECTION VI REACTIVITY DATA ***

STABILITY - Stable

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY: N/A

HAZARDOUS DECOMPOSITION: CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

*** SECTION VII PERSONAL PROTECTION INFORMATION ***

RESPIRATION PROTECTION (SPECIFY TYPE): NIOSH APPROVED DUST RESPIRATOR.

VENTILATION: LOCAL EXHAUST

PROTECTIVE GLOVES: RUBBER OR PLASTIC

EYE PROTECTION: WEAR APPROPRIATE PROTECTIVE EYEGLASSES OR CHEMICAL SAFETY GOGGLES.

OTHER PROTECTION: PLASTIC APRON, SLEEVES AND BOOTS IF HANDLING LARGE QUANTITIES. SAFETY SHOWERS AND EYEWASH STATIONS.

WORK/HYGIENIC PRACTICES: FOLLOW GENERAL INDUSTRIAL HYGIENE.

*** SECTION VIII SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES ***

HANDLING & STORAGE: WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. PROVIDE ADEQUATE VENTILATION. KEEP CONTAINER TIGHTLY CLOSED TO MINIMIZE DUST GENERATION. AVOID INGESTION, INHALATION AND CONTACT WITH EYES AND SKIN. THE PACKAGES

SHOULD BE SOUND AND PUNCTURE-RESISTANT, PRESS-RESISTANT AND DAMP-RESISTANT. STORE IN A DRY, WELL VENTILATED PLACE.

STEPS IF SPILLED: VACUUM OR SWEEP UP MATERIAL AND PLACE IT INTO A SUITABLE DISPOSAL CONTAINER. CLEAN UP SPILLS IMMEDIATELY, OBSERVE PRECAUTIONS IN PROTECTIVE EQUIPMENT SECTION. AVOID GENERATING THE PHENOMENON OF DUST. PROVIDE VENTILATION.

WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH ALL STATE, LOCAL AND FEDERAL REGULATIONS.

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ABBREVIATIONS: N/E – NOT ESTABLISHED
 N/A – NOT APPLICABLE