

PRODUCT NAME:  
PRODUCT NUMBER:

## **SECTION I - MANUFACTURER IDENTIFICATION**

### **DEPARTMENT OF TRANSPORTATION INFORMATION:**

PROPER SHIPPING NAME: **N.A.**, NOT D.O.T. REGULATED

PROPER CLASS: **N.A.**

PHONE NUMBER FOR INFORMATION:

TRANSPORTATION EMERGENCY PHONE NUMBER:

### **DATE PREPARED:**

April 9, 2012

### **PREPARED BY:**

TECHNICAL DIRECTOR

**N.A. = NOT APPLICABLE N.D. = NOT DETERMINED (NOT AVAILABLE) N.E. = NOT ESTABLISHED**

## **SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

This product contains crystalline silica (quartz) as an impurity. Prolonged exposure to respirable crystalline silica dust concentrations exceeding occupational exposure limits may increase the risk of developing a disabling lung disease called silicosis. Crystalline silica is listed as a human carcinogen by IARC. This product itself is not listed as a carcinogen by OSHA, NTP or IARC.

<b>HAZARDOUS COMPONENTS</b>	<b>CAS REG.NO.</b>	<b>APPROX WT.%</b>	<b>ACGIH TLV TWA</b>	<b>OSHA PEL- TWA</b>
Ferric Oxide	1317-61-9	20	10 Mg/m3	Dry Powder

**HMIS HAZARD RATINGS: HEALTH: 1 FIRE: 0 REACTIVITY: 0 PERSONAL PROTECTION: E**

## **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

MELTING POINT: **N.A.**

BOILING POINT: **N.A.**

APPEARANCE AND ODOR: Pungent odor, colored viscous liquid.

SOLUBILITY IN WATER: Nil.

VOC GRAMS/LITER: **N.A.**

VAPOR DENSITY (AIR = 1): >1

VAPOR PRESSURE (mm Hg @ 68°F): **N.A.**

PERCENT VOLATILE BY VOLUME: **N.A.**

SPECIFIC GRAVITY (WATER = 1): >1

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

FLASH POINT: Non Flammable

FLAMMABLE LIMITS IN AIR BY VOLUME: Non Flammable.

AUTO IGNITION TEMPERATURE: Non Flammable

EXTINGUISHING MEDIA: Foam, carbon dioxide or other dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Do not release runoff from fire control methods to sewers or waterways.

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UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

### **SECTION V - REACTIVITY DATA**

STABILITY: \_\_\_ UNSTABLE                    **X** STABLE

CONDITIONS TO AVOID: Avoid oxidizing agents & strong acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: May include carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: \_\_\_ MAY OCCUR    **X** MAY NOT OCCUR.

CONDITIONS TO AVOID UNCONTROLLED POLYMERIZATION: N.A.

### **SECTION VI - HEALTH HAZARD DATA**

ROUTE(S) OF ENTRY: Inhalation, eye contact, ingestion.

#### **SIGNS AND SYMPTOMS OF OVEREXPOSURE:**

INHALATION: May cause irritation of respiratory system.

SKIN CONTACT: Mild irritation.

EYE CONTACT: Strong irritation.

INGESTION: Low toxicity.

#### **EMERGENCY AND FIRST AID PROCEDURES:**

**NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.**

**EYE CONTACT:** Remove any contact lenses and flush for 15 minutes with potable water or sterile eye buffer. Hold eyelids open to assure complete flushing.

**SKIN CONTACT:** Wash area thoroughly with soap and water.

**INHALATION:** If overcome by high concentrations, move to a ventilated area. Seek medical attention.

**INGESTION:** Consult a physician.

#### **HEALTH HAZARD, ACUTE:**

**INHALATION:** Inhalation of high concentrations of can result in mild irritation of the respiratory tract.

**SKIN CONTACT:** May cause irritation through repeated contact.

**EYE CONTACT:** May cause irritation through contact.

**INGESTION:** Unlikely.

HEALTH HAZARDS, CHRONIC, (TARGET ORGANS): Possible skin dermatitis.

CARCINOGENICITY: This product itself is not listed as a carcinogen by OSHA, NTP or IARC.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting eye, skin, or respiratory disorders may be aggravated by exposure to this product.

### **SECTION VII -SPILL, LEAK, AND DISPOSAL PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain liquid or contaminated wash water spills using a barrier of inert material such as sand or by diking the area. Absorb spilled or contaminated wash water with an inert material. Scoop or shovel absorbed material in to containers for disposal. Prevent spilled product or contaminated wash water from entering drinking water supplies, streams, or sewers. Certain releases of any substance to the environment are prohibited by law and may require reporting to an environmental agency.

WASTE DISPOSAL METHOD: Dispose of waste in accordance with local, state, and federal regulations. CANADA: dispose of waste in accordance with local, provincial and national regulations.

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### **SECTION VIII- PRECAUTIONS FOR SAFE HANDLING AND USE:**

PRECAUTIONS: Avoid generating dust during handling. Keep material dry in storage.

OTHER PRECAUTIONS: N.A.

MECHANICAL (GENERAL) VENTILATION: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust is preferred because it prevents contaminant dispersion into the work area.

RESPIRATORY PROTECTION: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134).

PROTECTIVE GLOVES: Solvent impervious rubber gloves are recommended. Avoid contact with skin.

EYE PROTECTION: Avoid contact with eyes. Approved safety glasses with splash guards or goggles are required.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Impervious clothing, foot ware, and synthetic apron to prevent skin contact are recommended. Provide nearby safety showers and eye washing (preferably full face) facilities.

WORK/HYGIENIC PRACTICES: Wash thoroughly after handling. Clean up spills. Wash contaminated clothes before reuse. Launder work clothes separate from family clothes. Check protective equipment and clothing before use. Do not smoke while using or contaminate tobacco products.

**Disclaimer:** All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his/her own use of the product described herein. Since the actual use by others is beyond Environmental Technology, Inc.'s control, no guarantee, expressed or implied, is made by Environmental Technology, Inc. as to the effects of such use, the results to be obtained, or the safety and toxicity of the product.