

MATERIAL SAFETY DATA SHEET for CEMENT COLOR, DARK BUFF

Section 1 – Manufacturer Information

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Section 2 – Hazardous Ingredients

Hazardous Ingredients:

Iron Oxide CAS #1343-81-3

| OSHA PEL: | ACGIH TLV: | Other Limits: | Contents (%) |
|-----------|------------|------------------|--------------|
| None est. | 10 mg/L. | See NOTE* | |

***NOTE:** There is an 8 hour TWA OSHA-PEL of 10 mg/m³ and ACGIH-TLV of 5 mg/m³ for iron oxide fume. (A fume can be defined as an aerosol of solid particles produced by condensation of vaporized materials such as iron metal. In normally accepted usages, iron oxide pigments would not be present in the form of a fume.)

GENERAL INFORMATION: To the best of our knowledge the information contained herein is correct. Lambert Corporation of Florida, Inc. assumes no responsibility for accuracy or completeness. User is responsible for suitability.

FOR INDUSTRIAL USE ONLY.

HMIS Rating: Health - 0 Flammability - 0 Reactivity - 1 Personal Protection - F

Section 3 – Physical/Chemical Characteristics

| | | | |
|--------------------------|-----|---------------------------------------|----------------|
| Boiling Point: | N/A | Specific Gravity (H2) = 1): | 3.2 g-3.6 g/ml |
| Vapor Pressure (mm Hg.): | N/A | Melting Point: | N/A |
| Vapor Density (AIR = 1): | N/A | Evaporation Rate (Butyl Acetate = 1): | N/A |

Solubility in Water: INSOLUBLE
Appearance and Odor: YELLOW POWDER, NO ODOR

Section 4 – Fire and Explosion Hazard Data

| | | | | |
|----------------------------|--|---------------------|-----|-----|
| Flash Point (Method Used): | N/A | Flammable Limits | LEL | UEL |
| Extinguishing Media: | MATERIAL IS NOT COMBUSTIBLE. USE EXTINGUISHING AGENTS THAT ARE SUITABLE TO SURROUNDING FIRE. | In air % by volume: | N/A | N/A |

Special Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR SCBA. UNDER FIRE CONDITIONS IRRITATING AND/OR TOXIC AEROSOLS OR GASES MAY BE PRESENT.

Unusual Fire and Explosion Hazards: NONE

Section 5 – Reactivity Data

Stability: Stable Unstable

Conditions to Avoid: NONE KNOWN

Incompatibility (Materials to Avoid): NONE KNOWN

Hazardous Decomposition of Byproducts: NONE KNOWN

Hazardous Polymerization: May Occur Will Not Occur

Conditions to Avoid: NONE KNOWN

Section 6 – Health Hazard Data

Routes of Entry:

Eyes: IRRITANT

Inhalation: MILD IRRITANT

Skin: MAY DRY SKIN

Ingestion: NOT LIKELY

Health Hazards (Acute and Chronic): **ACUTE:** EXCESSIVE EXPOSURE TO AIRBORNE DUST MAY REDUCE VISIBILITY AND/OR CAUSE UNPLEASANT DEPOSITS IN THE EYES, EARS & NOSE. INJURY TO THE SKIN OR MUCOUS MEMBRANES CAN OCCUR BY DIRECT MECHANICAL ACTION OR BY RIGOROUS SKIN CLEANING NECESSARY FOR REMOVAL OF DUST.

Carcinogenicity: NOT LISTED

NTP: NOT LISTED

IARC Monographs: NOT LISTED

OSHA Regulated: NO

IARC & NTP BOTH CONTAIN LISTINGS FOR UNDERGROUND HEMATITE MINING. THESE LISTINGS ARE FOR THE OCCUPATIONAL EXPOSURES ASSOCIATED WITH THE MINING PROCESS WHICH INCLUDES RADON, A KNOWN LUNG CARCINOGEN.

Signs and Symptoms of Exposure: EXCESSIVE EXPOSURE MAY BE IRRITATING TO THE EYES, NOSE AND SKIN BUT BASED ON CURRENT INFORMATION AVAILABLE, THIS PRODUCT IS NOT CONSIDERED A CARCINOGEN.

Medical Conditions Generally Aggravated by Exposure: EXTREMELY SENSITIVE SKIN OR BREATHING PROBLEMS.

Emergency First Aid Procedures: **EYES:** FLUSH THOROUGHLY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL HELP IF IRRITATION PERSISTS. **SKIN:** WASH FROM SKIN WITH MILD SOAP & WATER. **INHALATION:** REMOVE TO FRESH AIR. GET MEDICAL HELP FOR ANY BREATHING DIFFICULTY. **INGESTION:** IF CONSCIOUS, GIVE LARGE AMOUNTS OF WATER AND GET MEDICAL ATTENTION IMMEDIATELY. **NEVER** GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Section 7 – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: VACUUM OR SCOOP MATERIAL INTO AN APPROPRIATELY MARKED CONTAINER FOR RECLAMATION OR DISPOSAL. AVOID EXCESSIVE GENERATION OF DUST. WATER SPRAY MAY BE HELPFUL IN KEEPING AIRBORNE DUST LEVELS DOWN. WEAR APPROPRIATE RESPIRATORY PROTECTION.

Waste Disposal Method: NOT CLASSIFIED AS A HAZARDOUS WASTE. IF MATERIAL CANNOT BE RECYCLED INTO YOUR PROCESS, LANDFILL IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storage: SPECIAL SENSITIVITY TO EXTREME HEAT (GREATER THAN 131°F). STORE DRY AT AMBIENT TEMPERATURES AWAY FROM FOOD AND BEVERAGES. AVOID BREATHING DUST. AVOID CONTACT WITH EYES & SKIN. WASH THOROUGHLY AFTER HANDLING.

Other Precautions: ALWAYS WASH HANDS & FACE BEFORE EATING, DRINKING OR USING ANY TOBACCO PRODUCTS. DO NOT STORE NEAR STRONG OXIDIZERS, SOURCES OF HEAT OR WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED.

Section 8 – Control Measures

Respiratory Protection (Type): IF RECOMMENDED EXPOSURE LIMIT IS EXCEEDED, A NIOSH/MSHA APPROVED DUST RESPIRATOR SHOULD BE USED.

Ventilation:

- Local Exhaust: PROVIDE ADEQUATE EXHAUST TO MAINTAIN AIR LEVELS BELOW THE RECOMMENDED EXPOSURE LIMIT.
- Mechanical (General):
- Special:
- Other:

Protective Gloves: RUBBER OR PLASTIC GLOVES

Eye Protection: SAFETY GLASSES OR DUST TIGHT GOGGLES

Other Protective Clothing or Equipment: EYE BATH AND WASHING FACILITIES SHOULD BE AVAILABLE

Work/Hygienic Practices: PRACTICE GOOD HOUSEKEEPING. PROTECT ALL FOOD, DRINK & CHEWING PRODUCTS FROM ANY DUST. USE GOOD PERSONAL HYGIENE.