

## MATERIAL SAFETY DATA SHEET for CEMENT COLOR, JET BLACK

### Section 1 – Manufacturer Information

Lambert Corporation  
20 North Coburn Avenue  
Orlando, FL 32805

Telephone No: (407) 841-2940

Emergency No: (800) 424-9300 - Chemtrec

### Section 2 – Hazardous Ingredients

*Hazardous Ingredients:*

IRON OXIDE                      CAS #1209-37-1

*OSHA PEL:*

NONE EST.

*ACGIH TLV:*

NONE EST.

*Other Limits:*  
SEE  
**NOTE\***

*Contents (%)*

**\*NOTE:** There is an 8 hour TWA OSHA-PEL of 10 mg/g<sup>3</sup> and ACGIH-TLV of 5 mg/m<sup>3</sup> 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 usage, 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 - 0 Personal Protection - F

### Section 3 – Physical/Chemical Characteristics

*Boiling Point:* N/A  
*Vapor Pressure (mm Hg.):* N/A  
*Vapor Density (AIR = 1):* N/A

*Specific Gravity (H2) = 1):* AT 20°C                      4.8g-5.1g/ml  
*Melting Point:* N/A  
*Evaporation Rate (Butyl Acetate = 1):* N/A

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

### Section 4 – Fire and Explosion Hazard Data

*Flash Point (Method Used):*                      N/A  
*Extinguishing Media:*                      MATERIAL IS NOT  
COMBUSTIBLE. USE EXTINGUISHING AGENTS  
THAT ARE SUITABLE TO SURROUNDING FIRE.

*Flammable Limits*  
*In air % by volume:*  
N/A

*LEL*  
N/A

*UEL*  
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:*                      JET BLACK COLOR MAY BE SUBJECT TO RAPID OXIDATION IF  
STORED AT TEMPERATURES ABOVE 140°F.

## Section 5 – Reactivity Data

*Stability:* \_\_\_ Stable X Unstable DO NOT STORE AT TEMPERATURES ABOVE 140°F. SMALL AMOUNTS OF Fe<sub>3</sub>O<sub>4</sub> MAY RAPIDLY OXIDIZE & IGNITE CONTAINER.

*Conditions to Avoid:* NONE KNOWN

*Incompatibility (Materials to Avoid):* STRONG OXIDIZING AGENTS

*Hazardous Decomposition of Byproducts:* NONE KNOWN

*Hazardous Polymerization:* \_\_\_ May Occur X 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. **CHRONIC:** LONG TERM EXPOSURE TO SILICA CAUSES SILICOSIS, A FORM OF PULMONARY FIBROSIS. CONTINUED EXPOSURE CAN LEAD TO CARDIOPULMONARY IMPAIRMENT.

*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 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 AND 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. **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 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 DISPOSAL IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

*Precautions to be Taken in Handling and Storage:* STORE DRY AT AMBIENT TEMPERATURES AWAY FROM FOOD AND BEVERAGES. AVOID BREATHING DUST. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING FOR TRANSPORTATION EMERGENCIES, CALL CHEMTREC, 24 HOUR INFORMATION SERVICE (800) 424-9300.

*Other Precautions:* ALWAYS WASH HANDS & FACE BEFORE EATING, DRINKING OR USING ANY TOBACCO PRODUCTS.

**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.