

## MATERIAL SAFETY DATA SHEET for CEMENT COLOR, CHOCOLATE BROWN

### Section 1 – Manufacturer Information

Lambert Corporation  
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### Section 2 – Hazardous Ingredients

*Hazardous Ingredients:*

Iron Oxide	CAS #1304-9-37-1
Silica – Quartz	CAS #14808-60-7
Carbon	CAS # 1333-86-4
**Manganite	CAS # 1317-34-6

OSHA  
PEL:  
None est.

ACGIH TLV:  
5 mg/m<sub>3</sub> TWA  
0.1 mg/m<sub>3</sub>  
3.5 mg/m<sub>3</sub> TWA  
5 mg/m<sub>3</sub> TWA

Other  
Limits:  
Fume as  
FE  
Respirable  
Dust

Contents  
(%)  
95%  
0.1-3%

\*This chemical is subject to the reporting requirements of SARA 313 and 40 CFR 371. This information must be included in all MSDS that are copied and distributed for this product. **Please see page 4 of this MSDS for federal & other regulatory information.**

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 - 1 Flammability - 0 Reactivity - 0 Personal Protection - F

### Section 3 – Physical/Chemical Characteristics

<i>Boiling Point:</i>	N/A	<i>Specific Gravity (H2) = 1):</i>	3.0-3.6
<i>Vapor Pressure (mm Hg.):</i>	N/A	<i>Melting Point:</i>	N/A
<i>Vapor Density (AIR = 1):</i>	N/A	<i>Evaporation Rate (Butyl Acetate = 1):</i>	N/A
<i>Solubility in Water:</i> INSOLUBLE			
<i>Appearance and Odor:</i> BROWN 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:* NONE

**Section 5 – Reactivity Data**

*Stability:*  Stable  Unstable

*Conditions to Avoid:* N/A

*Incompatibility (Materials to Avoid):* CONCENTRATED ACID SOLUTIONS. MATERIAL CONTAINS MANGANITE WHICH WHEN EXPOSED TO ACIDS CAN LIBERATE HAZARDOUS GASES.

*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 MEMBRANE 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:* LIMITED EVIDENCE

NTP: YES  
 IARC Monographs: YES  
 OSHA Regulated: YES

THIS PRODUCT IS CONSIDERED A CARCINOGEN BY IARC BECAUSE IT CONTAINS CRYSTALLINE SILICA AT LEVELS GREATER THAN .1%.

*Signs and Symptoms of Exposure:* EXCESSIVE EXPOSURE MAY BE IRRITATING TO THE EYES, NOSE AND SKIN

*Medical Conditions Generally Aggravated by Exposure:* EXTREMELY SENSITIVE SKIN, BREATHING PROBLEMS, OR PRE-EXISTING EYE CONDITIONS.

*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 QUANTITIES 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 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 & SKIN. WASH THOROUGHLY AFTER HANDLING.

*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 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.

**Section 9 – Other Regulatory Information**

The following chemicals are specifically listed by individual states; other product specific health and safety data, in other sections of the MSDS, may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

<b>Component Name/CAS NUMBER</b>	<b>Concentration</b>	<b>State Code</b>
UMBER / 12713-03-0	APPROX. 100%	CA; NJ4; CN1; PA3
ARSENIC / 7440-38-2	100-350 PPM*	CA; MA
LEAD / 7439-92-1	100 –200 PPM*	CA; MA
CADMIUM / 7440-43-9	LESS THAN 10 PPM*	CA; MA
COPPER / 7440-50-8	500-750 PPM*	CA; MA
MANGANESE / 7439-96-5	LESS THAN 10%	CA; MA; NJ4; PA3
CHROMIUM / 7440-47-3	10-30 PPM*	CA; MA
ZINC / 7440-66-6	300-600 PPM*	CA; MA
SELENIUM / 7782-49-2	LESS THAN 10%	CA; MA
BARIUM INSOLUBLE / 7440-39-3	500-2000 PPM*	CA; MA

CA = CALIFORNIA PROPOSITION 65

MA = MASSACHUSETTS HAZARDOUS SUBSTANCE LIST

NJ4 = NEW JERSEY OTHER – INCLUDED IN 5 PREDOMINANT INGREDIENTS MORE THAN 1%

PA3 = PENNSYLVANIA NON-HAZARDOUS PRESENT AT 3% OR GREATER

CN1 = CANADA WHMIS INGREDIENT DISCLOSURE LIST OVER 1%

\* Please note: These were random sample analyses and content may vary from batch to batch.