# **MATERIAL SAFETY DATA SHEET**

Lambert Southwest Product: Dark Earth Brown
Division of G. W. Holladay Interests Inc. Black Walnut Brown

**P O Box 1111, Henderson TX 75653** 

Chemical Emergency INFOTRAC 800-535-5053 Date: January 2012

# HAZARD MATERIAL IDENTIFICATION SYSTEM

Health Hazard 1 - Slight
Flammability Hazard 0 - Minimal
Reactivity Hazard 1 - Slight

Personal Protection E -Glasses, Gloves, Dust Resp

# SECTION I. MATERIAL IDENTIFICATION

Trade/Material Name: Iron Oxide Brown

Description: Inorganic Metal Oxide

Other Designations: 219-0051 Dark Earth Brown

219-0064 Black Walnut Brown

Chemical Name: Iron Oxide - III

C.A.S. No: Mixture

# SECTION II. INGREDIENTS AND HAZARDS

INGREDIENT NAME:	CAS NO.	PERCENT	EXPOSURE LIMITS
Iron Oxide	1309-37-1	48-57	ACGIH TLV: 5MG/M³ TWA (Iron Oxide Fume as Fe)
Aluminum Oxide	1344-28-1	>1-2	ACGIH-TLV: 10MG/M3 TWA
Silica Quartz	14808-60-7	0.1-3.0	ACGIH TLV: 0.1 mg/M³ TWA (Respirable Dust)
Carbon	1333-86-4	0.4-15	ACGIH TLV: 3.5mg/M³ TWA (Respirable Dust)

(Ingredients and Hazards continued on next page)

### (Ingredients and Hazards continued from previous page)

Note: Note: Note: There is an 8-hour TWANote: There is an 8-hour TWA OSHA-PEL of 10mg/m3 oxide Fume. In normally accepted usages, iron oxide pigments would NOT be present in the form of a fume.

This This product does contain toxic chemicals subject to the reporting requirements of SectionSection 313 of the EmeSection 313 of the EmergencySection 313 of the Emergency Pl of 40 CFR 372: Aluminum Oxide.

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

**Dry Amphorous Colored Powder, No Odor Appearance and Odor:** 

Solubility in Water (%) Insoluble

SECTION IV. FIRE AND EXPLOSION DATA

3.6-5.0

Non-flammable Limits: LEL%: N/A UEL%: N/A Flash Point (method):

AsAs appropriate for surroundAs appropriate for surroundinAs ap

water.water. Does not burn water. Does not burn or suwater. D

small amount of carbon.

Unusual Fire or Explosion

**Extinguishing Media:** 

Specific Gravity (H₂O=1)

Hazards: UnderUnder fire conditions irritating and/or toxicUnder fire condition

maymay bemay be present. It may not be obvious carbon blackmay t

unless stirred and sparks are present.

Special Fire fighting

**Procedures:** FireFire fighter should wear self-contained breathing apparatus.

NormalNormal fog or nozzle jet applicationNormal fog or nozzle jet a

#### SECTION V. REACTIVITY DATA

### Material is stable - Hazardous polymerization will not occur

None known. Chemical incompatibilities:

**Hazardous Decomposition** 

**Products:** CarbonCarbon monoxide, carbon dioxide and Carbon monoxid

sulfur containing gases when burning.

# SECTION VI. HEALTH HAZARD DATA

Summary of Health Risks Skin contact may cause mechanical irritation due to and Symptoms of Exposure: the abrasion. Eye contact will result in no specific

effects other than general particulate irritation in the eye. Not absorbed by the body. Excessive exposure above the TLV can give mild pulmonary irritation.

Principal Routes of Entry: Inhalation, ingestion, skin and eye contact.

Acute Effects: Inhalation of the dust may cause mechanical irritation

to the respiratory tract. Skin and eye contact may

cause a mechanical abrasion irritation.

Chronic Health Effect(s): Long term overexposure to silica causes silicosis, a

form of pulmonary fibrosis. Continued exposure to

silica can lead to cardiopulmonary impairment.

# **Emergency and First Aid Procedures:**

Eye Contact: Flush thoroughly with plenty of water for at least 15 minutes.

Get medical help if irritation persists.

Skin Contact: Wash skin with mild soap and water.

Inhalation: Remove to fresh air. Get medical help for any breathing

difficulty.

Ingestion: If conscious, give large quantities of water to induce

vomiting. Get medical attention.

CrystallineCrystalline silica which may beCrystalline silica which may be present in quantities gr byby IARC. They by IARC. They found liby IARC. They found limited evidence for carcinoger and sufficient evidence in experimental animal.

# SECTION VII. PRECAUTIONS FOR HANDLING, USE OR DISPOSAL

Handling Handling & Storagetore dry at ambient Store dry at ambient temperature away from food

AvoidAvoid breathing dust. AvoidAvoid breathing dust. Avoid contact

thoroughly after handling.

Spill/Leak procedures: Those involved in clean-up of spills should use respiratory

protection for airborne dust. Vacuum or scoop up spilled material for recovery or disposal, avoiding dusting conditions and using good ventilation. Wetting the spill with a water

spray may help to keep airborne dust levels down.

(Precautions for Handling, etc. continued on next page)

(Precautions for Handling, etc. continued from previous page)

Waste Management/

Disposal:

Refer to any local, State or Federal regulations for specific disposal information. Pursuant to 40 CFR part 261 of the Resource Conservation & Recovery Act (RCRA) regulations currently in effect, discarded Iron Oxide would not be

classified as a hazardous waste.

SECTION VIII. SPECIAL PROTECTION INFORMATION

**Personal Protective Equipment:** 

Goggles: Safety glasses with side shields or dust tight goggles.

Gloves: Rubber, cloth, or plastic gloves as appropriate.

Respirator: If exposure limits are exceeded, an appropriate NIOSH

approved dust respirator should be used.

**Workplace Considerations:** 

Ventilation: Provide adequate exhaust ventilation to meet TLV

requirements in the workplace. An exhaust filter system may

be required to avoid environmental contamination.

Safety Stations: An eye wash station should be available to the area of use.

Other: Good industrial hygiene practice requires that employee

exposure be maintained below the recommended TLV. This is preferably achieved through the provision of adequate

ventilation where necessary. Where dust cannot be

controlled controlled in this way, controlled in this way, personcon

be employed.

SECTION IX. SPECIAL PRECAUTIONS

DOT Class: Not regulated

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