

MERLEX STUCCO, INC.
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MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTITY

MATERIAL NAME: EXTERIOR STUCCO FINISH

SECTION 2. INGREDIENTS/ IDENTITY INFORMATION

May contain one or more of the following:

Hazardous Components Specific Chemical Common Names	OSHA PEL	ACGIH TLV	Other limits recommended	% (optional)
Crystalline silica CAS 14808-60-7	3.33 mg/m ³	0.1 mg/m ³	28 mppcf	1
Calcium hydroxide CAS 1305-62-0	None	5mg / m ³		
Calcium carbonate CAS 1317-65-3	None	10 mg / m ³	30 mppcf	
Portland cements CAS 65997-15-1	None	10 mg / m ³	30 mppccf	

SECTION 3. PHYSICAL CHARACTERISTICS

BOILING POINT: Not applicable
VAPOR PRESSURE (mm Hg): Negligible
VAPOR DENSITY (AIR = 1): Not applicable
pH: 12 - 13
SPECIFIC GRAVITY (H2O =1): 2.5
APPEARANCE AND COLOR: Fine, powdered solid. Color depends on pigment
SOLUBILITY IN WATER: Slight

SECTION 4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): None
FLAMMABLE LIMITS: Not applicable
LEL:
UEL:
EXTINGUISHING MEDIA: As appropriate for surrounding materials
SPECIAL FIRE FIGHTING PROCEDURES:
None. Will not support combustion
UNUSUAL FIRE AND EXPLOSION HAZARDS:
None.

SECTION 5. REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: High temperature

INCOMPATIBILITY (MATERIALS TO AVOID): Store away from acidic materials

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon oxide, Carbon dioxide

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 6. HEALTH HAZARD DATA

Routes of entry:

Inhalation: yes

Skin: Moderate

Ingestion: Moderate

Health Hazards (Acute and Chronic):

Acute: In presence of moisture, contact w/ skin & eyes will cause irritation and possible severe corrosion damage.

Chronic: Repeated or prolonged skin contact may cause dermatitis and chemical burns. Constant exposure to dust could contribute to silicosis.

Carcinogenicity:

NTP: No

IARC Monographs: No

OSHA Regulated: No

Additional Carcinogenicity:

No detectable asbestos.

Signs and symptoms of exposure:

Irritation of the eyes and skin. Inhalation may cause coughing and sneezing.

Medical Conditions that may be aggravated by exposure

May aggravate pre-existing skin sensitivities or dermatitis. Inhalation may worsen allergies.

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation:

Remove from exposure and get prompt medical help.

Eye Contact: Wash eyes immediately with running water for 15 minutes, including under eyelids. Get prompt medical attention.

Skin contact: Wash exposed area with large amounts of water. Remove and wash contaminated clothing

Ingestion: Immediately dilute by drinking large amounts of water or milk, then neutralize by drinking dilute vinegar or fruit juices.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

Step 1.

Human Health Protection:

Respiratory: NIOSH approved dust filter respirator

Eyes: Tight fitting safety goggles.

Hands: Clean, dry rubber gloves

Clothing: Clean body-covering clothing.

Step 2.

Containment and Control:

Use dry clean-up methods that do not disperse the material into the air. Spread a tarp over spill to prevent loss. Do not allow bulk material to enter storm drains or sanitary sewers.

Step 3.

Decontamination:

After removal of bulk solid, rinse with large amounts of water. Residue may be flushed into a sanitary sewer with plenty of water.

Step 4.

Hazardous Waste Packaging/ Shipping Requirements:

Material may be considered a corrosive solid by definition. Package in DOT approved drum and ship as waste corrosive solid, n.o.s., UN 1759.

Waste Disposal Method:

Waste material should be disposed of in an EPA-RCRA approved hazardous waste landfill. Consider these alternatives if local agencies permit:

- a) spread in a protected area to permit reaction with carbon dioxide in air,
- b) neutralize w/ weak acid solution. Handle in a manner, which avoids the creation of dust.

SECTION 8. SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing.

Stored in sealed containers at normal temperatures. Keep dry until used. Do not allow contact with acids or strong oxidizers.

Other precautions:

An eyewash station and safety shower should be readily available near the work area.

SECTION 9. CONTROL MEASURES

Respiratory Protection: NIOSH approved dust mask respirator.

Ventilation: Local Exhaust: To maintain dust concentration below established TLV.
 Mechanical: May be necessary in dusty environments.

Protective Gloves: Any chemical resistant glove.

Eye protection: Tight-fitting safety goggles.

Other protective clothing or equipment: Clothing that will cover the arms and legs and prevent exposure of skin to dust.

Work hygiene Practices: Wash thoroughly after handling. Clean contaminated clothing after each use.