

MSDS
Material Safety Data Sheet

MANUFACTURER

Merkrete Systems

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A Division of **ParexLahabra**

SECTION I - IDENTITY

Merkrete Underlay SLU

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components:

Portland Cement (CAS-65997-15-1)

OSHA PEL: 50 Mppcf

ACGIH TLV: 10mg/m3-TWA

Silica Sand (CAS-01-4808-60-7)

OSHA PEL: 0.1mg/m3 (respirable); 0.3mg/m3 (total dust)

ACGIH TLV: 0.1mg/m3 (respirable dust)

Vinyl Polymer (CAS-24937-788)

OSHA PEL: 5mg/m3 (respirable); 15mg/m3 (total dust)

ACGIH TLV: 10mg/m3-TWA

Limestone (CAS-474-34-1)

OSHA PEL: 5mg/m3 (respirable); 15mg/m3 (total dust)

ACGIH TLV: 10mg/m3-TWA

Calcium Aluminate Cement (CAS-65997-16-2)

OSHA PEL: 5mg/m3 (respirable); 15mg/m3 (total dust)

ACGIH TLV: 10mg/m3-TWA

SECTION III - Physical/Chemical Characteristics

Boiling Point: NA

Vapor Pressure: NA

Vapor Density: NA

Solubility in Water: <1%

Specific Gravity: 2.5

Melting Point: ND

Evaporation Rate: NA

Appearance and Odor: Gray powder- no odor

SECTION IV - Fire and Explosion Hazard Data

Flash Point: NA

Extinguishing Media: NA

Unusual Fire and Explosion Hazards: NA

Flammable Limits: NA

Special Fire Fighting Procedures: NA

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SECTION V - Reactivity Data

Stability - Stable Incompatibility - Mineral Acids

SECTION VI - Health Hazard Data

Primary Routes of Entry: Inhalation-YES Skin-YES Ingestion-NO

Health Hazards

Inhalation: Dust can cause headache, nausea & irritation of the nose, throat and lungs.
Skin Contact: Irritation to skin upon repeated or prolonged contact
Eye Contact: Strong irritation to eyes

Carcinogenicity: NTP-NO IARC Monographs-NO OSHA Regulated-NO

Signs & Symptoms of Exposure: Reddening of eyes & skin upon contact. Coughing upon inhalation of dust.

Medical Conditions Aggravated by Exposure: Hypersensitive individuals may develop allergic dermatitis

Emergency and First Aid Procedures

Inhalation: Move subject to fresh air.
Eye & skin contact: Flush eyes with large amount of water for 15 min. Wash affected area with soap & water. If irritation persists see physician. If accidentally ingested-contact physician.

SECTION VII - Precautions for Safe Handling and Use

Spill: Transfer to containers for recovery or disposal.

Waste Disposal Method: Landfill—Observe all local, county, state and federal procedures.

Precautions to be taken in Handling and Storing: Keep from freezing

SECTION VIII - Control Measures

Respiratory Protection: Not required if good ventilation maintained, OSHA approved mask for dust.

Ventilation: Local Exhaust-YES

Mechanical: NA

Protective Gloves: Impervious

Eye Protection: ANSI-87.1 or equivalent chemical splash goggles.

Other Protective Clothing: NA

Work/Hygienic Practices: Normal care & cleanliness will prevent adverse health effects.