

MSDS
Material Safety Data Sheet

MANUFACTURER

Merkrete Systems

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A Division of **ParexLahabra**

SECTION I – IDENTITY

Merkrete GroutSealer

SECTION II - Ingredients/Identity Information

Hazardous Component

Potassium Methyl Siliconate Dispersion (CAS-031795241)
OSHA PEL: Not Established
ACGIH TLV: Not Established

SECTION III - Physical/Chemical Characteristics

Boiling Point: 100C(210F)	Specific Gravity: 0.99-1.01
Vapor Pressure: <20 mg Hg @ 70F	Melting Point: NA
Vapor Density: >1	Evaporation Rate: <1(butyl/acetate=1)
Solubility in water: Dispensable	Appearance and Odor: Clear liquid Emulsion-slight ammonia odor.

SECTION IV - Fire and Explosion Hazard Data

Flash Point: NA Flammable Limits: NA Extinguishing Media: NA

Special Fire Fighting Procedures: Water, foam, carbon dioxide, or dry chemical.

Unusual Fire and Explosion Hazards: As supplied material is not combustible; however, dried residue is combustible similar to wood. Burning dry residue emits smoke.

Fire Fighting Equipment: Wear positive pressure self-contained breathing apparatus.

SECTION V - Reactivity Data

Stability - Stable

Conditions to Avoid: Acids and strong alkaline solutions

Incompatibility: Materials that react violently with water

Hazardous Decomposition or Byproducts: If dried film burns, it will produce carbon monoxide silicon oxides.

Hazardous Polymerization: Will Not Occur

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SECTION VI - Health Hazard Data

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

Health Hazards

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

Eye Contact: Causes marked excess redness and swelling of the conjunctive with chemical burns of the cornea.

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

Signs and Symptoms of Exposure: Reddening of eyes and skin upon contact. Coughing upon inhalation of vapors.

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

Emergency and First Aid Procedures

Swallowing: If patient is fully conscious, give two glasses of water or milk at once. Do not induce vomiting. Obtain medical attention immediately Inhalation: Move subject to fresh air.

Eye and Skin Contact: Flush eyes with large amounts of water for at least 15 min. see physician if irritation persists, wash affected skin areas with soap and water.

SECTION VII - Precautions for Safe Handling and Use

Released or Spilled: Floor will be slippery; use care to avoid falling. Small spill could be flushed with large amounts of water. Large spills should be collected for disposal.

Waste Disposal Method: It may be necessary to neutralize waste material before treatment in a wastewater treatment plant, if larger amounts are involved.

Precautions to be taken in Handling and Storing: Keep from freezing, keep temperature below 100c.

Other Precautions: Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

SECTION VIII - Control Measures

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

Ventilation: Local Exhaust-YES; if heated above 170c, use ventilation with minimum capture velocity of 100ft/min

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.