

GRANICRETE INTERNATIONAL

Material Safety Data Sheet

1. Chemical Product and Company Identification

Granicrete International
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Phoenix, Arizona 85040

Telephone Number: (602) 438-9464

24-Hour Emergency Telephone
Number: (800) 627-2521

Product Name: HYDRO BARRIER SOLID
HMIS Classification: H F R S
1 1 0 0

Prepared By: Granicrete Loss Control
Preparation Date: April 05, 2002
Review Dates: April 05, 2002

2. Composition, Information on Ingredients

Ingredients / Components	OSHA PEL	ACGIH TLV	OTHER LIMIT	WT %
Mineral Filler	5mg/m3	15mg/m3	N/A	10~20
Free SiO2	10mg/m3	5mg/m3	N/A	2

None of the components of the mixture are considered Hazardous Material or carcinogens (1910.1200 Hazard Communication (d)(4)).

TRANSPORTATION INFORMATION

Labeling requirements: N/A
Marking requirements: N/A
Shipping Description: Not regulated
Placard Requirements: N/A
Emergency Response Guide: N/A

3. Physical and Chemical Characteristics

Vapor Pressure (mm Hg): N/A
Specific Gravity (H2O=1): 2.2
Melting Point: N/A
Appearance: Powder
Vapor Density: N/A
Boiling Point: Not known to boil
Evaporation Rate (Butyl Acetate=1): N/A
Solubility: Negligible

4. Fire and Explosion Hazard

Flash Point (Tag Closed Cup): N/A
Flammable Limits: N/A
Extinguishing Media: N/A
Special Firefighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A

5. Reactivity Data

Stability: Stable
Incompatibility (Materials to avoid): None
Hazardous Polymerization: Will Not Occur

Conditions to avoid: N/A
Hazardous Decomposition (Byproducts): None

6. Health Hazard Data

Routes of Entry: Inhalation? Yes
Health Hazards (Acute and Chronic)

Skin? No

Ingestion? Not Expected

Skin Contact: May cause slight irritation.

Eye Contact: May cause irritation, redness and tearing.

Inhalation: Repeated inhalation of respirable dust for extended periods of time may cause injury to lungs.

Ingestion: May cause gastrointestinal irritation.

Carcinogenicity: Unrelated

NTP? No

IARC Monographs?

No OSHA Regulated? No

Signs and Symptoms of Overexposure: Repeated inhalation of respirable dust for extended periods of time may cause injury to lungs.

Emergency and First Aid Procedures:

Skin: Thoroughly wash with soap and water.

Eyes: Immediately flush with water for 20 minutes, holding eyelids apart to ensure flushing of the entire eye surface. Call a physician immediately.

Inhalation: Remove to fresh air. Call a physician.

Ingestion: Call a poison center or physician immediately.

7. Handling and Storage

Steps to be taken in case material is released or spilled: Avoid excessive dust conditions.

Waste Disposal Method: Preferred procedure is to vacuum material. Otherwise, sweep with broom and shovel, thoroughly rinse area with water. Dispose of according to federal, state and local regulations.

Precautions to be taken in handling and storage: Avoid dusty conditions.

Other Precautions: Avoid prolonged contact between skin surfaces and wet or moist Portland cement. Contact area should be thoroughly washed with soap and water.

8. Control Measures

Respiratory Protection: NIOSH approved respiratory protection for dusty environment.

Ventilation: Observe EPA standards for respirable dust.

Protective Gloves: Neoprene or equivalent gloves for sensitive skin.

Eye Protection: Use chemical splash goggles.

Other Protective Clothing or Equipment: Safety showers and eye wash stations should be available.

Work/Hygienic Practices: Wash thoroughly with soap and water before eating, smoking or using washroom. Remove contaminated clothing and wash before re-use.

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