

## MATERIAL SAFETY DATA

## I. PRODUCT IDENTIFICATION

**Trade Name:** Grancrete HFR  
**Manufacturer:** Grancrete, Inc.      **Telephone:** 919-597-2500  
**Address:** PO Box 14587  
**City:** Durham      **State:** North Carolina      **Zip:** 27709

## II. HAZARDOUS COMPONENTS

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INGREDIENT NAME	CAS NUMBER	%	PEL & TLV (except as noted)
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None:

## III. PHYSICAL DATA

**Appearance and odor:** Dry grey powder/ No odor  
**Boiling Point:** Not Applicable      **Evaporation Rate:** Not Applicable  
**Vapor Pressure:** Not Applicable      **Specific Gravity:** 2.1g/cc<sup>3</sup>  
**Vapor Density (Air = 1):** NA      **% Volatile by Volume:** None  
**Water Solubility:** Part soluble in water      **Melting Point:** NA

## IV. FIRE AND EXPLOSION DATA

**Flash Point: (Method):** Nonflammable  
**Flammable Limits:** NA %      **UEL:** Not determined  
**Extinguishing Media:** NA      **LEL:** Not determined  
**Unusual Fire and Explosion Hazards:** None  
**Special Fire Fighting Procedures:** None

## V. HEALTH HAZARD INFORMATION

Exposure from Routine Use: There is currently no evidence of adverse effects resulting from routine exposure.

Effects of Overexposure: High dust concentrations may cause irritation of the nose, throat, and respiratory tract. Respiratory symptoms associated with pre-existing lung disorders may be aggravated by exposure to this material.

Probable Routes of Exposure: Inhalation and ingestion

Delayed Effects: No unusual.

Skin Contact: No adverse effects

Emergency first aid procedures:

Eye Contact: Immediately flush the eyes with water. Remove contact lenses and flush eyes with water for 15 minutes, including underneath the eyelids. Consult a physician as soon as possible for follow-up treatment.

Skin Contact: Rinse affected area with soap and water.

Inhalation: Remove to fresh air immediately if irritation occurs. Provide oxygen or artificial respiration if required.

Ingestion: No first aid is normally required; however, if swallowed and symptoms develop seek medical attention.

## **VI. TOXICITY DATA**

Oral: Not Established

Dermal: Not Established

Inhalation: Not Established

Carcinogenicity: Not Established

## **VII. SPECIAL PROTECTION INFORMATION**

Personal Protective Equipment:

Protective Gloves: Butyl rubber, nitrile rubber, latex, PVC or other chemical resistant gloves are recommended during handling and application.

Eye Protection: Protective glasses or goggles should be worn.

Respiratory Protection: Use of a dust mask or filtered respirator is recommended during open handling and standard application. Full-face, air-supplied respirators (NIOSH/MSHA approved) may be necessary for extensive enclosed spray applications or for persons particularly sensitive to the materials being used. Always wear dust

protective mask when spray-applying this product, sanding, or abrading the dried film, or at any time there is exposure to mist, spray, dust or smoke from the product.

Other Protective Equipment: As may be necessary to prevent skin contact.

### **VIII. SPILL, LEAK, & DISPOSAL INFORMATION**

Emergency Spill and Leak Information: Sweep up and place bulk material in a container and remove to landfill. Flush small spills to sewer with plenty of water. Flush spill area with water.

When discarded or spilled, this product is not a hazardous waste as defined in current federal regulations 40 CFR, Part 261 (RCRA).

This product is not a hazardous substance as defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (Superfund) or as defined in the current federal regulations 40 CFR, Part 116 (Section 311, Clean Water Act).

Disposal Information: Dispose of in a landfill in accordance with all local, state, and federal regulations.

### **IX. REGULATORY INFORMATION**

DOT: Hazard Classification: None. Proper Shipping Name: Cementitious Material  
UN Classification #: No special labels required. Not restricted for Domestic Passenger or Cargo Aircraft.

### **X. SPECIAL PRECAUTIONS AND COMMENTS**

Precautions to be taken in Handling and Storage: Keep container(s) closed when not in use. Keep away from children. Do not take internally. Avoid prolonged contact with skin. Wash thoroughly after handling. The product may be slightly hygroscopic and should be stored in a dry area to prevent moisture pickup and caking. This is not a hazardous material as defined in 29CFR, Section 1915.2.

Disclaimer:

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Grancrete, Inc.

Effective Date: October 30, 2006