



## Material Safety Data Sheet

### Powder – Part 3

Powder component of the formulated polyurethane system for *americancrete* HF – Part 3

#### Hazard Identification

##### **Hazardous Ingredients TLV**

Silica Sand 10mg/M<sup>3</sup>

Portland Cement 10mg/M<sup>3</sup>

#### Physical/Chemical Characteristics

**Appearance and Odor:** Gray powder, no odor

**Boiling Point:** N/A

**Vapour Pressure:** N/A

**Vapour Density:** N/A

**Solubility in Water:** <22%

**Specific Gravity:** 2.73

**Evaporation Rate :** N/A

**(Butyl Acetate=1) Melting Point:** N/A

#### Fire and Explosion Hazard Data

**Flash Point:** N/A

**Flammable Limits:** N/A

**Fire Extinguishing Media:** N/A

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None

#### Reactive Data

**Stability:** Unstable if subjected to carbon dioxide in most air and acids. Stable if confined in water tight containers.

**Incompatibility:** Contact with acids

**Hazardous Polymerization:** Will not occur

#### Health Hazard Data

**Route(s) of Entry:** Inhalation? yes;

Skin? yes; Ingestion? Yes

**Health Hazards (Acute and Chronic):** Eyes, skin, inhalation, ingestion

**Carcinogenicity:** Not classified as a carcinogen

NTP? no; IARC Monographs? no; OSHA Regulated? no

#### Exposure:

**Inhalation:** Dust can cause irritation and inflammation of respiratory tract

**Eye Contact:** Irritation, redness, itching

**Skin Contact:** Slurry can dry the skin and cause alkali burns

**Ingestion:** Wetted material will harden rapidly, may cause obstruction

#### First Aid Procedures

**Inhalation:** Remove to fresh air. Seek medical attention if needed.

**Eye Contact:** Flush for 15 minutes with water.

**Skin Contact:** Wash exposed area with water.

**Ingestion:** Seek medical attention immediately.

#### Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled:** Sweep up, avoid creating excessive dust. Wear gloves in manual

handling. Avoid breathing dust. Slurry may clog drains.

**Waster Disposal Method:** In accordance with all local, state and Federal regulations.

**Precautions to be Taken in Handling and Storing:**

Wear gloves in manual handling. Avoid breathing dust.

**Other Precautions:** Keep out of reach of children.

#### Control Measures

**Respiratory Protection:** Protective filter mask in dust environments.

**Ventilation:** Use either local or mechanical exhaust.

**Eye Protection:** Safety goggles.

**Special Protection:** Clean protective clothing in well-ventilated work area.

#### Fire Fighting Measures

Product has no unusual fire or explosion hazards.

#### Other information

This information is furnished without warranty representation, or license of any kind, except that it is accurate to the best of *americancrete*'s knowledge or obtained from sources believed by *americancrete* to be accurate. *americancrete* does not assume any legal responsibility for use or reliance upon same. Customers are encouraged to conduct their own tests. Before using any product, read its label.

**Website:** [www.americancrete.com](http://www.americancrete.com)

**Dated:** October 1, 2009