

# MATERIAL SAFETY DATA SHEET

HMIS CODES: H F R P  
1 0 0 B

**LYONS MANUFACTURING, INC.**  
**8900 Forney Rd.**  
**Dallas, Texas 75227-4505**

**EMERGENCY PHONE: 214/381-8100**

## SECTION I

**PRODUCT NAME: FLOWCRETE**

**CHEMICAL FAMILY: CEMENTITIOUS MORTAR**

**DATE ISSUED: December 1, 1995**      **Revised: November 3, 2000**

## SECTION II      **HAZARDOUS INGREDIENTS/COMPOSITION:**

### HAZARDOUS INGREDIENTS:

Portland Cement - (CAS #65997-15-1)

Silica Sand - Silicon Dioxide (CAS #14808-60-7)

Gypsum Cement - Mixture

Contains no material listed as a potential carcinogen in the OSHA Hazard Communication Standard, except as specifically listed above. Respirable crystalline silica can cause silicosis, a scarring of the lungs. Crystalline silica is classified as a known human carcinogen.

## SECTION III      **PHYSICAL DATA:**

Boiling Point:      Not applicable

Vap. Pressure:      Not applicable

Vap. Density:      Not applicable

Solubility in water:      Dispersible

Density:      100 lb./cu.ft.

Appearance and Odor: Gray or white dry mortar with no odor.

## SECTION IV      **FIRE AND EXPLOSION HAZARD DATA:**

Flash Point:      Not applicable

Specialty Fire Fighting Procedures:      None

Unusual Fire and Explosion Hazards: None

**SECTION V HEALTH HAZARD DATA AND FIRST AID:**

Skin Contact: May cause skin irritation. Avoid skin contact where possible. Wash with soap and water.

Eye Contact: Irrigate immediately with water. Consult physician if necessary.

Ingestion: Unlikely to occur. No hazards expected from ingestion in normal use.

Inhalation: Single or infrequent occurrence should not present a hazard. Continuous exposure and inhalation should be avoided by wearing dust mask.

Potential Health Effects:

A. Silicosis - Prolonged exposure to crystalline silica can cause silicosis, a fibrosis (scarring) of the lungs. Silicosis is a form of pulmonary fibrosis, which under some circumstances may be disabling, progressive and sometimes fatal. Smoking aggravates the effects of exposure.

B. Cancer - Crystalline silica is classified as a known human carcinogen.

**SECTION VI REACTIVITY DATA:**

Stability: Material is stable

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur.

**SECTION VII SPILL OR LEAK PROCEDURES:**

Sweep up material

Send to solid waste disposal in accordance with local, state and federal regulations

**SECTION VIII HANDLING PRECAUTIONS**

Exposure Guideline(s): None established.

Ventilation: Good general ventilation should be sufficient.

Respiratory Protection: Dust mask.

Skin Protection: Wear long-sleeved, body-covering clothes and gloves.

Eye Protection: Safety glasses.

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