

# MATERIAL SAFETY DATA SHEET

Issued: August 6, 1992  
REVISED: February 2, 2010

## SECTION 1: PRODUCT INFORMATION

**Product Name:** GEM - PLAST FLEX ST PREMIX  
**Manufacturer:** GEMITE PRODUCTS INC.  
**Address:** 1787 Drew Road, Mississauga, ON L5S 1J5  
**Emergency Phone:** US: 888-443-6483 CANADA: 905-672-2020  
**Chemical Family:** Cement Grout  
**T.D.G. Classification:** N/A

## SECTION 2: HAZARDOUS INGREDIENTS

| INGREDIENTS     | %  | TLV | CAS NO.       |
|-----------------|----|-----|---------------|
| Cement          | 40 |     | 65997 – 15 –1 |
| Silicon Dioxide | 40 |     | 14808 – 60 –7 |

## SECTION 3: PHYSICAL DATA

**Physical State:** Dry powder  
**Odour & Appearance:** No odour, grey powder  
**Vapour Pressure:** N/A  
**Vapour Density:** N/A  
**Evaporation Rate:** N/A  
**Boiling Point:** N/A  
**Specific Gravity:** 2.78  
**Solubility in Water:** Partly soluble

## SECTION 4: FIRE & EXPLOSION DATA

**Flammability:** Nonflammable  
**Extinguishing Media:** N/A  
**Special Procedures:** N/A  
**Flash Point:** N/A  
**Auto Ignition Temp:** N/A  
**Upper Flammability Limit:** N/A  
**Lower Flammability Limit:** N/A  
**Hazardous Combustion Products:** N/A  
**Explosion Data:** No fire or explosion hazards

## SECTION 5: REACTIVITY DATA

**Conditions Contributing to Instability:** Stable  
**Incompatibility:** Acids  
**Hazardous Polymerization:** Will not occur  
**Reactivity Conditions:** Wet environments  
**Hazardous Products of Decomposition:** None

## SECTION 6: TOXICOLOGICAL PROPERTIES

**Route of Entry:** Eyes, Mouth, Skin  
**Skin Contact:** Dry Skin  
**Eye Contact:** Slight irritation to eyes  
**Inhalation:** Irritation of the throat  
**Ingestion:** Irritation of the throat  
**Effects of Chronic Exposure:** Cement dust can cause inflammation of the tissue lining the interior of the nose and cornea of the eye

**Effects of Acute Exposure:** Cement and wet cement mixtures can dry skin, cause alkali burns and irritate the eyes and respiratory tract

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| <b>SECTION 7: PREVENTATIVE MEASURES</b> |
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**Protective Equipment**

- **Gloves Type:** Barrier creams, gloves
- **Respiratory Type:** # 8500 Particle mask by 3M or equivalent must be used
- **Eye Type:** Tight fitting goggles in dusty environments
- **Footwear Type:** N/A
- **Clothing Type:** Clothing to prevent skin contact
- Engineering Controls:** Ventilation should be sufficient in volume and distribution to control dust exposure
- Leak/ Spill:** Remove by dry clean up methods which minimize the dispersion of dust
- Waste Disposal:** Dispose of as common waste
- Handling Procedures & Equipment:** Minimize dust exposure
- Storage Needs:** Keep in dry storage, Acrylic latex admixture must not freeze

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| <b>SECTION 8: FIRST AID MEASURES</b> |
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- Eye Contact:** Irrigate with large amounts of water. Seek medical attention if irritation persists.
- Skin Contact:** Wash exposed areas with soap and water.
- Inhalation:** Move person to fresh air and seek medical attention.
- Ingestion:** Inhalation in harmful quantities is unlikely to occur, but if ingested, drink plenty of water and consult physician. Do not induce vomiting.

N/A : Not applicable