

**MATERIAL SAFETY DATA SHEET**Issued: August 6, 1992  
REVISED: February 2, 2010**SECTION 1: PRODUCT INFORMATION**

**Product Name:** THERMO – SHIELD FC 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:** Portland Cement Grout  
**T.D.G. Classification:**

**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:** Unstable  
**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

**TLV:** N/A

<b>SECTION 7: PREVENTATIVE MEASURES</b>
---

**Protective Equipment**

- **Gloves Type:** Barrier creams, Gloves

- **Respiratory Type:** # 8500 Particle mask by 3M or equivalent

- **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

<b>SECTION 8: FIRST AID MEASURES</b>
--------------------------------------

**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