

**M A T E R I A L   S A F E T Y   D A T A   S H E E T**

---

**MANUFACTURER:**

Texas Cement Products  
Emergency Phone:

P.O. Box 920726 Houston, Tx 77292-0726  
713-682-8411

---

**SECTION I - IDENTITY:**

**TexRite TotalContact**

**REF# T-2113**

---

**SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

**Hazardous Components:** Portland Cement (CAS 65977-15-1)

**OSHA PEL:** 50 Mppcf

**ACGIH TLV:** 10mg/m3-TWA

**Hazardous Components:** Silica Sand (CAS 01-4808-60-7)

**OSHA PEL:** 0.1mg/m3 (respirable) 0.3mg/m3 (total dust)

**ACGIH TLV:** 0.1mg/m3 (respirable dust)

**Hazardous Components:** Clay (12428-46-5)

**OSHA PEL:** 5mg/m3 (respirable) 15mg/m3 (total dust)

**ACGIH TLV:** 10mg/m3 – TWA

**Hazardous Components:** Limestone (CAS 474-34-1)

**OSHA PEL:** 5mg/m3 (respirable); 15mg/m3 (Total dust)

**ACGIH TLV:** 10mg/m3 - TWA

---

**SECTION III – PHYSICAL/CHEMICAL CHARACTERICS**

**Boiling Point:** NA

**Specific Gravity:** 2.5

**Vapor Pressure:** NA

**Melting Point:** ND

**Vapor Density:** NA

**Evaporation Rate:** NA

**Solubility in Water:** <1%

**Appearance and Odor:** White or Gray powder – no odor

---

**SECTION IV - Fire and Explosion Hazard Data**

**Flash Point:** NA

**Flammable Limits:** NA

**Extinguishing Media:** NA

**Special Fire Fighting Procedures:** NA

**Unusual Fire and Explosion Hazards:** NA

---

**SECTION V – REACTIVITY DATA**

**Stability:** Stable

**Incompatibility:** Mineral Acids

**Hazardous Decomposition or byproducts:** CO, CO<sup>2</sup>, Silicon tetra fluoride (with hydrofluoric acid)

**Hazardous Polymerization:** Will Not Occur

---

**NA=NOT APPLICABLE**

**ND=NOT DETERMINED**

**DATE PREPARED: 3/26/08**

---

---

**SECTION VI – HEALTH HAZARD DATA**

**Primary Routes of Entry**

**Inhalation:** YES

**Skin:** YES

**Ingestion:** NO

**Health Hazards**

**Acute:** Portland Cement mortar can dry the skin & cause alkali burns. Dust can irritate the eyes & upper respiratory system.

**Chronic:** Dust can cause inflammation of interior of nose & eyes. Prolonged exposure to dust over the TLV may cause scarring of lungs & delayed lung injury (silicosis).

**Carcinogenicity**

**NTP:** NO

**IARC Monographs:** YES

**OSHA Regulated:** NO

**Signs and symptoms of exposure:** Shortness of breath, coughing, reddening of eyes.

**Medical Conditions Aggravated by Exposure:** Hypersensitive individuals may develop allergic dermatitis.

**Emergency and First Aid procedures:** Irrigate eyes with water, wash exposed skin areas with water, remove patient to fresh air. If accidentally ingested mortar may set & cause bowel obstruction-consult physician.

---

**SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE**

**Released or Spilled:** Collect spills using dustless method, material can be returned to container for later use, wear OSHA approved respirator for silica dust when cleaning area.

**Waste Disposal Method:** Mortar can be disposed of as common waste, unrestricted sanitary land fill.

**Precautions to be taken in handling and storing:** Eliminate exposure to dust, use OSHA approved mask for silica dust, if freshly mixed mortar gets into eyes or contacts skin-flush immediately & repeatedly with water & contact physician immediately.

---

**SECTION VIII – CONTROL MEASURES**

**Respiratory Protection:** OSHA approved respirator for silica dust.

**Ventilation**

**Local exhaust:** YES

**Mechanical:** NA

**Special:** NA

**Other:** NA

**Protective Gloves:** Rubber recommended.

**Eye Protection:** Tight fitting goggles in busy area.

**Other Protective Clothing:** Barrier cream, boots & clothing should protect skin from dust and wet mortar.

**Work/Hygienic Practices:** Workers should shower with soap & water after working with mortar.

---