

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
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SECTION I - IDENTITY:

TexRite PorcelainTS

REF# T-2115

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, CO², 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.
