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 PRODCTS 4000 Pinemont Houston, TX 77018
Emergency Phone: 713-682-8411

SECTION I - IDENTITY:

PORT-A-PATCH SANDED **REF# P-2003**

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: Limestone (CAS-474-34-1)
OSHA PEL: 5mg/m3 (respirable) 15mg/m3 (total dust)
ACGIH TLV: 10mg/m3-TWA
Hazardous Components: Calcium Aluminate Cement (CAS 65997-16-2)
OSHA PEL: 5mg/m3 (respirable) 15mg/m3 (total dust)
ACGIH TLV: 10mg/m3-TWA

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

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: 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: 02/08/10**

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

This product itself is not regulated but it contains small amount of naturally occurring crystalline silica. IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemical to humans (volume 42, 1987) concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals, and that there is limited evidence of the carcinogenicity of crystalline silica to humans. IARC Class 2A.

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

Medical Conditions Aggravated by Exposure: Hypersensitive individuals may develop allergenic 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 landfill.

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: N/A

Special: N/A

Other: N/A

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.