ProGRAM

GRANITE AND MARBLE MEDIUM-BED MORTAR

MANUFACTURER

Western States Wholesale
1420 S. Bon View, Ontario, CA 91761
Emergency Phone: (800) 325-6851

SECTION I – Identity

ProGram

SECTION II – Hazardous Ingredients/ Identity Information

Component: Portland Cement (CAS-65977-15-1)
OSHA PEL: 50 Mppcf
ACGIH TLV: 10mg/m3 TWA
Component: Silica Sand (CAS-01-4808-60-7)
OSHA PEL: 5mg/m3 (respirable); 0.3mg/m3 (total dust)
ACGIH TLV: 0.05mg/3 (respirable dust)
Component: Clay (12428-46-5)
OSHA PEL: 5mg/m3 (respirable); 15mg/m3 (total dust)
ACGIH TLV: 10mg/m3-TWA
Component: Limestone (CAS-1317-65-3)
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: Not Determined
Solubility in water: <1%
Vapor Density: NA
Evaporation Rate : NA
Appearance and Odor: White or gray powder - no odor

SECTION IV
Fire and Explosion Hazard Data

Flash Point: N/A
Flammable Limits: N/A
Extinguishing Media: N/A
Special Fire Fighting Procedures: NA
Unusual Fire and explosion Hazards: NA
Fire fighting equipment: NA

SECTION V - Reactivity Data

Stability: Stable
Incompatibility: Mineral Acids
Hazardous Decomposition or by-products: CO, CO2, Silican tetra fluoride (with hydrofluoric acid).
Hazardous Polymerization: Will Not Occur.

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 and cause alkali burns. Dust can irritate the eyes and upper respiratory system.
Chronic: Dust can cause inflammation of interior of nose and eyes. Prolonged exposure to dust over the TLV may cause scarring of lungs, and delayed lung injury (silicosis).
Carcinogenicity:
NTP-Yes
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 and 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 and 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 and repeatedly with water and 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 and clothing should protect skin from dust and wet mortar.
Work/Hygienic Practices: Workers should shower with soap & water after working with mortar.

NA= NOT APPLICABLE
C= CENTIGRADE
F= FAHRENHEIT
DATE REVISED: 3/02/05

Disclaimer