



MANUFACTURER

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

SECTION I – Identity

ProTillo

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/m3 (respirable dust)
Component: : Pigments* Nuisance Dust
OSHA PEL: 5mg/m3 (respirable) 15mg/m3 (total dust)
ACGIH TLV: 10mg/m3-TWA
* Pigments may contain one or more of the following:
Yellow Iron Oxide (CAS 57124-00-1) Red Iron Oxide
(CAS 1309-37-1) Black Iron Oxide (CAS 1317-61-9)
Metal Oxide Silicate (CAS 12713-03-0) Chromium Ox-
ide (CAS 1308-38-9) Carbon Black (CAS 1333-56-4)
Titanium Dioxide (CAS 13463-67-7) Ultra Marine Blue
(CAS 57455-37-5).

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: Gray, white or colored 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
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 (silico-
sis).

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: Hyper-
sensitive 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 and cause bowel obstruction - consult physician.

SECTION VII

Precautions for Safe Handling and Use

Released or Spilled: Collect spills using dustless meth-
od, 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 and water after working with mortar.

NA= NOT APPLICABLE

C= CENTIGRADE

F= FAHRENHEIT

DATE REVISED: 3/02/05

Disclaimer

The information presented is believed to be accurate
but is not warranted to be. Whether originating with the
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vance of need, that the information is current, applicable
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