



## 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, CO<sub>2</sub>,  
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  
company or not. Recipients are advised to confirm in ad-  
vance of need, that the information is current, applicable  
and suitable to their circumstance.