



IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT THE BELOW NUMBERS.

EMERGENCY 24 HOUR NUMBER GENERAL INFORMATION NUMBER

CHEMTREC 1-800-424-9300 MAPEI 1-954-246-8888

Material Safety Data Sheet

**CPSC STATEMENT**

**WARNING** - ALKALINE MATERIAL WHEN MIXED. POTENTIAL SKIN AND EYE IRRITANT TO SENSITIVE INDIVIDUALS.  
CONTAINS KNOWN OR PROBABLE HUMAN CARCINOGEN. HARMFUL OR FATAL IF SWALLOWED.

DOT HAZARD CLASSIFICATION  
NOT APPLICABLE.

IDENTITY (As shown on label):

**PRP 916 Planitex UNS**

Polymer Modified Gypsum Based Patching Compound

SECTION I - GENERAL INFORMATION

**MANUFACTURER:**

MAPEI CORPORATION  
1144 East Newport Center Drive  
Deerfield Beach, FL 33442

**PREPARED BY:**

Donald House  
Manager of Product and Employee Safety

**PRINT DATE:**

Sunday, March 04, 2001

SECTION II - PHYSICAL CHARACTERISTICS

<b>Maximum VOC</b>	0g/L
<b>Boiling Point</b>	N/A
<b>Vapor Pressure (mmHg)</b>	N/A
<b>Vapor Density (AIR=1)</b>	N/A
<b>Specific Gravity (H<sub>2</sub>O=1)</b>	1.82
<b>Melting Point (F)</b>	N/A
<b>Evaporation Rate (Butyl Acetate=1)</b>	N/A
<b>Solubility in water</b>	Negligible
<b>Appearance and Odor</b>	White powder. General cement odor.

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

**Hazardous Components**

**(specific chemical identity; common names):**

Silica Sand, Crystalline Quartz (CAS# 14808-60-7)  
Calcium Carbonate (CAS# 1317-65-3)  
Calcium Sulfate Hemihydrate (CAS# 26499-65-0)

	<b>OSHA (PEL)</b>	<b>ACGIH (TLV-TWA)</b>	<b>Other Limits Recommended</b>	<b>% Percent (Optional)</b>
Silica Sand, Crystalline Quartz (CAS# 14808-60-7)	10mg/m <sup>3</sup>	0.1mg/m <sup>3</sup>	N/E	Trace
Calcium Carbonate (CAS# 1317-65-3)	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	NONE	40 - 60%
Calcium Sulfate Hemihydrate (CAS# 26499-65-0)	10mg/m <sup>3</sup>	15mg/m <sup>3</sup>	N/E	40 - 60%

FOR CALIFORNIA: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE TOXICITY.

**HMIS (Hazardous Materials Identification System) Rating:** Health - **3** Fire - **0** Reactivity - **0** Protection - **E**

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (F)** - N/A

**Lower Explosive Limit (%)** - N/A

**Upper Explosive Limit (%)** - N/A

**Extinguishing Media**

Will not burn except under extreme temperatures.

**Special Fire Fighting Procedures**

Wear standard fire fighting gear with self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards**

Some decomposition products may be harmful.

SECTION V - REACTIVITY DATA

**STABILITY:** Stable

**Conditions to Avoid** None known.

**Incompatibility (Materials to Avoid)**

None known.

**Hazard Decomposition of By-products**

None known.

**POLYMERIZATION:** Will Not Occur

**Conditions to Avoid**

None known.

**SECTION VI - HEALTH HAZARD DATA**

**ROUTES OF ENTRY:**      **Inhalation?** YES      **Skin?** YES      **Ingestion?** YES

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

**Acute:** Possible injury due to the alkaline nature of wet cement (dermatitis, dry cough, etc.).

**Chronic:** Repeated (long term) inhalation of dust may result in silicosis.

**CARCINOGENICITY:**      **NTP - YES**      **IARC - YES**      **OSHA - NO**  
IARC - CRYSTALLINE SILICA GROUP 1 AGENT

**Signs and Symptoms of Overexposure**

Dry skin, dermatitis, dry cough, irritated eyes from dust or any other potential adverse condition related to the alkaline nature of wet cement.

**Medical Conditions That Can Be Aggravated by Exposure**

Allergies, skin and respiratory disorders, or product sensitivity.

**EMERGENCY AND FIRST AID PROCEDURES**

**Eyes -** Flush with cool water for 15 minutes while holding eyelid open. If irritation persists, seek medical attention immediately.

**Skin -** Avoid contact with skin. Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek immediate medical attention.

**Inhalation -** Remove to fresh air. If not breathing, trained personnel should initiate artificial respirations and immediate medical attention should be obtained.

**Ingestion -** Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to be taken if Material is Leaked or Spilled**

While using appropriate protective equipment, place spilled material in poly drum, or container requirement by local disposal company, and store in a safe place till material can be disposed of in accordance with regulations.

**Waste Disposal Method**

Dispose of in accordance with local, state, and federal regulations governing your location.

**Precautions to be taken during Handling and Storage**

Store in a manner to prevent dusty conditions.

**Other Precautions**

Avoid prolonged skin contact and dusty conditions.

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** During work with dry product it is recommended to wear a NIOSH APPROVED PARTICULATE FILTER RESPIRATOR RATED N95 (42 CFR 84).

**VENTILATION: Local Exhaust**

Observe local, state, and federal regulations governing emissions.

**Special**

N/A

**Mechanical**

As necessary to minimize dusty conditions.

**Other**

N/A

**Eye Protection -** Safety glasses or goggles as necessary to prevent eye contact.      **Protective Gloves -** Impervious. (Nitrile, rubber, or better)

**Other Protective Equipment -** As needed to minimize contact with skin.

**WORK AND HYGIENE PRACTICE**

Remove contaminated clothing immediately. Wash hands, after each use and before eating, drinking, or using toiletries. Minimize contact of product on skins.

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