



|                                 |                                   |
|---------------------------------|-----------------------------------|
| <b>EMERGENCY 24 HOUR NUMBER</b> | <b>GENERAL INFORMATION NUMBER</b> |
| CHEMTREC 1-800-424-9300 (USA)   | USA 1-954-246-8888                |
| CANUTEC 1-613-996-6666 (Canada) | Canada 1-450-662-1212             |

## Material Safety Data Sheet

### CONSUMER PRODUCT SAFETY COMMISSION STATEMENT

**DANGER** - CORROSIVE. SKIN, EYE AND RESPIRATORY IRRITANT.  
CONTAINS KNOWN OR PROBABLE HUMAN CARCINOGEN.  
HARMFUL OR FATAL IF SWALLOWED.

### US Department of Transportation and Canadian Transportation of Dangerous Goods

Not Regulated

### IDENTITY (As shown on label):

**NA 4200**

Sanded Grout With Polymer

### SECTION I - GENERAL INFORMATION

#### MANUFACTURER:

USA and Canada

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

#### PREPARED BY:

EHS Department - Americas

#### REVISION DATE:

Friday, January 25, 2008

### SECTION II - PHYSICAL CHARACTERISTICS

|                                    |  |
|------------------------------------|--|
| Maximum VOC                        | 0 g/L  |
| Boiling Point                      | N/A  |
| Vapor Pressure (mmHg)              | N/A  |
| Vapor Density (AIR=1)              | N/A  |
| Specific Gravity (H2O=1)           | 2,00 - 2,30                                  |
| Melting Point (F)                  | N/A  |
| Evaporation Rate (Butyl Acetate=1) | N/A  |
| Solubility in water                | Soluble                                      |
| Appearance and Odor                | Powder. Various colors. General cement odor. |
| pH (paste)                         | 11,0 - 13,0                                  |

*VOC calculated per (Rule 1168, South Coast Air Quality District - California)*

### SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| Hazardous Components<br>(specific chemical identity; common names): | OSHA (PEL)          | ACGIH (TLV-TWA)      | Other Limits Recommended | % Percent (Optional) |
|---|---------------------|----------------------|--------------------------|----------------------|
| Silica Sand, Crystalline Quartz (CAS# 14808-60-7)                   | 10mg/m <sup>3</sup> | 0,1mg/m <sup>3</sup> | N/E                      | 40 - 70              |
| Hydraulic Cement (CAS# 65997-15-1)                                  | 15mg/m <sup>3</sup> | 10mg/m <sup>3</sup>  | N/E                      | 15 - 40              |
| Calcium Carbonate (CAS# 1317-65-3)                                  | 5mg/m <sup>3</sup>  | 10mg/m <sup>3</sup>  | N/E                      | 5 - 10               |
| Calcium Sulfate (CAS# 7778-18-9)                                    | 15mg/m <sup>3</sup> | 10mg/m <sup>3</sup>  | N/E                      | 1 - 5                |

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

ALL INGREDIENTS ARE LISTED WITH OR EXEMPTED ON TSCA AND DSL.

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

(Canada) - WHMIS (Workplace Hazardous Materials Information System) Classifications: E and D2A

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point - N/A Lower Explosive Limit (%) - N/A Upper Explosive Limit (%) - N/A

#### Extinguishing Media

Will not burn except under extreme temperatures. Water spray, carbon dioxide, dry chemical or foam.

#### 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)**

Strong oxidizing agents, strong acids, and strong bases.

**Hazard Decomposition of By-products**

Carbon monoxide, carbon dioxide, oxides of nitrogen, and other unidentified organic compounds.

**POLYMERIZATION:** Will Not Occur

**Conditions to Avoid**

None known.

**SECTION VI - HEALTH HAZARD DATA**

**ROUTES OF ENTRY:**            **Inhalation?** YES            **Skin?** YES            **Ingestion?** NO

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

**Acute**    Inhalation or contact can cause irritation to eyes, skin, nose or throat to sensitive people.

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

**CARCINOGENICITY:**        **NTP -** YES        **IARC -** NO        **OSHA -** NO

Crystalline Silica - NTP Rating 1

**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. 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 allowable concentrations of any of the hazardous ingredients are exceeded. 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**

Wear protective equipment. Contain by diking with inert absorbent materials and put into an approved waste container.

**Waste Disposal Method**

Dispose in accordance to local environmental regulation.

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

Store in a manner to prevent dusty conditions.

**Other Precautions**

Avoid prolonged skins contact.

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** During work with dry product it is recommended to wear a NIOSH/MSHA approved respirator in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure to dust.

**VENTILATION:**

|                                      |                |
|--------------------------------------|----------------|
| <b>Local Exhaust</b>                 | <b>Special</b> |
| Use in WELL VENTILATED areas only.   | N/A            |
| <b>Mechanical</b>                    | <b>Other</b>   |
| Use only intrinsically safe devices. | 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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