

Product Name: **CHEMBOND CHEMPATCH 2101** Product Description: **Fast-setting cement based compound**

IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPLOSION, EXPOSURE OR ACCIDENT CONTACT THE FOLLOWING NUMBERS:

EMERGENCY 24 HOUR NUMBERS: (USA) CHEMTREC 1-800-424-9300 (Canada) CANUTEC 1-613-996-6666

GENERAL INFORMATION NUMBERS: (USA) 1-954-246-8888 (Canada) 1-450-662-1212

CONSUMER STATEMENT:

Potential skin and eye irritant to sensitive individuals. Contains known or probable human carcinogen. Harmful of fatal if swallowed.

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.

I - GENERAL INFORMATION

MANUFACTURER:

<u>USA and Puerto Rico</u>	<u>Canada</u>
MAPEI CORPORATION	MAPEI, INC.
1144 East Newport Center Drive	2900 Francis-Hughes Avenue
Deerfield Beach, FL 33442	Laval, QC H7L 3J5
Ph: (954) 246-8888	Ph: (450) 662-1212

MSDS PREPARED BY:

Regulatory Affairs Department - MAPEI North America

REVISION DATE: 04-08-05

For most current MSDS, download document from: www.mapei.com

II - PHYSICAL CHARACTERISTICS

Calculated VOC (See below.)	0 g/l
Boiling Point	N/A
Vapor Pressure (mmHg)	N/A
Vapor Density (AIR=1)	N/A
Specific Gravity (H2O=1)	1,25
Melting/Freezing Point (F)	N/A
Evaporation Rate (Butyl Acetate=1)	N/A
Solubility in water	Negligible
pH (paste/liquid)	12
Appearance and Odor	Powder. General cement odor.

(VOC per CA South Coast Air Quality Management District, Rule 1168)

III - HAZARD ASSESSMENT

Hazardous Components

(specific chemical identity; common names):

Silica Sand, Crystalline Quartz (CAS# 14808-60-7)
 Hydraulic Cement (CAS# 65997-15-1)
 10%

	OSHA (PEL)	ACGIH (TLV-TWA)	Other Limits Recommended	% Percent (Optional)
Silica Sand, Crystalline Quartz (CAS# 14808-60-7)	10mg/m3	0.1mg/m3	Respirable dust only	1-5%
Hydraulic Cement (CAS# 65997-15-1)	15mg/m3	10mg/m3	N/E	

5-

For California (Proposition 65): This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive toxicity. All ingredients are listed within the US TSCA and Canadian DSL.

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

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

IV - TRANSPORTATION

By GROUND - USA and Puerto Rico (DOT):

Not Regulated

By GROUND - Canada (TDG):

Not Regulated

By SEA (IMDG):

Not Regulated

By AIR (IATA):

Not Regulated

NOTE: Classifications utilizing the term "LIMITED QUANTITY" at the end of a transportation mode's shipping description allows the product container to be packaged within a sturdy outer container (over pack) in lieu of a UN container for that mode of transportation.

V - FIRE AND EXPLOSION HAZARD DATA

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

Unusual Fire and Explosion Hazards - Some decomposition products may be harmful.

Extinguishing Media:

Product will not burn until all water content has evaporated. Water spray, carbon dioxide, dry chemical or foam.

Special Fire Fighting Procedures:

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

N/A="Not Applicable" N/E="Not Established"

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VI - 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.

VII - HEALTH HAZARD DATA AND FIRST AID

Routes of entry during normal usage: Inhalation? YES Skin? YES Ingestion? YES

Health Hazards:

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 - Yes

Crystalline silica- IARC 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. Product sensitivity.

VIII - EMERGENCY AND FIRST AID PROCEDURE

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.

IX - 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 required 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.

X - CONTROL MEASURES

Respiratory Protection:

During work with dry product it is recommended to wear a NIOSH approved particulate filter respirator rated N95

Ventilation:	Local Exhaust - Use in WELL VENTILATED areas only.	Mechanical - As necessary to minimize dusty conditions.
	Special - N/A	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.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. MAPEI assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.

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