

**MATERIAL SAFETY DATA SHEET**

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**PRODUCT: CPD FLOOR HARDENER PRE-MIX (PREMIUM)**



**SECTION 01: PRODUCT INFORMATION**

**Manufacturer:** CPD Construction Products  
219 Connie Crescent # 13  
Concord, Ontario L4K 1L4

**Product Identifier:** CPD Floor Hardener Pre-Mix (Premium)

**Application and Use:** Concrete Floor Hardener. Surface applied to improve wear resistance.

**Product Description:** Blend of Hydraulic Cement and Trap Rock.

**Regulatory Classification:**

WHMIS - Class E (Corrosive)    Class D, Division 2 Subdivision A    Class D, Division 2 Subdivision B

**Transportation of Dangerous Goods Information:** Not regulated

**EMERGENCY TELEPHONE NUMBERS**

CANUTEC: (613) 996-6666

**SECTION 02: HAZARDOUS INGREDIENTS**

The following component data is defined in accordance with subparagraph 13(a) (i) to (iv) or paragraph 14(a) of the Hazardous Products Act.

NAME	(pbw)%	CAS	
Portland Cement (Hydraulic Cement)	10-30	65997-15-1	LD50: Not available LC50: Not available
Silica (Quartz)	0.1-1.0%	14808-60-7	LD50: Not available LC50: Not available

**SECTION 03: PHYSICAL DATA**

Physical State: Solid (Powder/Aggregate Blend)  
Specific Gravity: 2.2  
Vapour Pressure: n/a  
Solubility in Water: <1%  
PH (Aqueous Solution): 12.5 @ 20°C  
Boiling Point: n/a

Viscosity: n/a  
Vapour Density (Air=1): n/a  
Evaporation Rate: n/a  
% Volatile: n/a  
Odour: None  
Appearance: Dark to light grey powder containing aggregate.

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**SECTION 04: TOXICOLOGICAL PROPERTIES**

**NATURE OF HAZARD**

**INHALATION:** Crystalline Silica (Quartz) dust particles below 5 microns in diameter may be present in this product. Excessive inhalation of particles of this size (or smaller) may cause lung disease (Silicosis). Excessive exposure to dust from this product may result in irritation of nasal tissue and the cornea (white) of the eye. Certain people may develop allergic dermatitis.

**EYE CONTACT:** May irritate. No permanent damage likely.

**SKIN CONTACT:** Will dry skin and cause defatting dermatitis with excessive exposure of skin to dry and wet product.

**INGESTION:** Can cause irritation to throat.

**CHRONIC:** Excessive exposure (inhalation could lead to development of the irreversible lung disease "Silicosis". Crystalline Silica is classified by IARC as "2A-Probably Carcinogenic to humans".

**OCCUPATIONAL EXPOSURE LIMIT:** Maximum TWA of silica is 0.1 mg. per M3 of air. For further information on the designated substance "Silica" contact the Ministry of Labour (Occupational Health and Safety Division) in your region.

**SECTION 5 - FIRST AID MEASURES**

**INHALATION:** Remove to fresh air.

**EYE CONTACT:** Flush eyes with water for at least 15 minutes holding eyelids open. If irritation persists see physician.

**INGESTION:** Will irritate throat. Give individual water and see physician.

**SKIN:** Wash hands with soap and water. Apply good quality hand lotion. If irritation persists see physician.

**SECTION 6 - PREVENTIVE MEASURES**

**PERSONAL PROTECTION:** Wear safety glasses ( with side shields), waterproof PVC or neoprene gloves and an approved dust mask for Crystalline Silica Dust when handling this product. Observe good personal hygiene. No engineering controls necessary.

**HANDLING, STORAGE AND SHIPPING:** Product must be stored under dry conditions. Storage in a heated warehouse is recommended. May be stored off the ground and under waterproof tarp in the field for short periods of time. **DO NOT ALLOW** this product to get wet as it will harden.

**SPILL CONTROL AND DISPOSAL:** Sweep area with dust retarding floor sweeping compound. Dispose of as normal garbage. No special precautions required.

**SECTION 7 - FIRE AND EXPLOSION DATA**

None. This product will not burn.

**SECTION 8 - REACTIVITY DATA**

Stable. Hazardous decomposition will not occur.

**SECTION 9 - PREPARATION**

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