

**MATERIAL SAFETY DATA SHEET**

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**PRODUCT: CPD TOPCRETE**



**SECTION 01: PRODUCT INFORMATION**

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

**Product Identifier:** CPD Topcrete

**Application and Use:** Trowel applied thin set patching compound.

**Product Description:** Hydraulic Cement Based Patching Compound.

**Regulatory Classification**

WHMIS - Class E (Portland Cement)  
Class D Division 2 Subdivision A (Silica Quartz)

**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 sub-paragraph 13(a)(i) to (iv) or paragraph 14 (a) of the Hazardous Products Act.

NAME	(pbw)%	CAS
Sand *(Quartz)	59.0 " 1.0	14808-60-7
Portland Cement (Hydraulic Cement)	40.0 " 1.0	65997-15-1

NOTE: LD50 (not available for the above)      LC50 (not available for the above)

\*\* The sand used in this product contains approximately 90% (by weight) Quartz. The Quartz that exists as dust particles with an aerodynamic diameter less than 5 microns is hazardous. An approved dust mask (for crystalline Silica) should be worn by workers handling this product in the dry state.

**SECTION 03: PHYSICAL DATA**

Physical State: Powder/Fine Granular Solid	Specific Gravity: 2.20
Vapour Pressure: n/a	Solubility in Water: 2.0%
PH: 12.0 @ 20°C (Aqueous Solution)	Boiling Point: n/a
Viscosity: n/a	Vapour Density (Air=1): n/a
Evaporation Rate: n/a	% Volatile: n/a
Appearance: Dark to Light Grey Powder Containing Fine Silica Sand.	
Odour: None	

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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). The prolonged inhalation of dust 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 0.2 mg. per M3 of air. For further information of the designated substance "Silica" contact the Ministry of Labour (Occupational Health and Safety Division) in your region.

**SECTION 05: FIRST AID MEASURES**

**INHALATION:** Remove to fresh air.

**EYE CONTACT:** Flush eye(s) with lukewarm water for 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 06: PREVENTIVE MEASURES**

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

**HANDLING STORAGE AND SHIPPING:** Product must be stored under dry conditions. May be stored off the ground and under waterproof tarp in the field for short periods of time. DO NOT ALLOW 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 07: FIRE AND EXPLOSION DATA**

None. This product will not burn.

**SECTION 08: REACTIVITY DATA**

Stable. Hazardous decomposition will not occur.

**SECTION 09: PREPARATION**

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