

PRODUCT: CPD 20 MINUTE SET



SECTION 01: PRODUCT INFORMATION

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

Product Identifier: CPD 20 Minute Set

Application & Use: Patching Concrete Curbs, Floors, Foundation and retaining walls.

Product Description: Fast setting Hydraulic Cement Patching Compound.

Regulatory Classification:

WHMIS- Class E (Corrosive) 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 subparagraph 13(a) (i) to (iv) or paragraph 14(a) of the Hazardous Products Act.

| <u>NAME</u> | <u>(pbw)%</u> | <u>CAS</u> |
|------------------------------------|----------------------|-----------------------------|
| Sand** (Quartz) | 65-67 | 14808-60-7 |
| Portland Cement (Hydraulic Cement) | 31-33 | 65997-15-1 |
| Calcium Hydroxide | 1-5 | 1305-62-0 |
| NOTE: Sand | LD50 (Not available) | LC50 (Not available) |
| Portland | LD50 (Not available) | Cement LC50 (Not available) |
| Calcium | LD50 | Hydroxide LC50 |

** The sand used in this product contains approximately 29% (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.



MSDS-11
January 2009

MATERIAL SAFETY DATA SHEET

Page 2

SECTION 03: PHYSICAL DATA

| | |
|---------------------------------------|---|
| Physical State: Powder/Granular Solid | Viscosity: n/a |
| Specific Gravity: 2.20 | Vapour Density (Air=1): n/a |
| Vapour Pressure: n/a | Evaporation Rate: n/a |
| Solubility in Water: <1.0% | % Volatile: n/a |
| PH: 12.5 @ 20°C (Aqueous Solution) | Odour: None |
| Boiling Point: n/a | Appearance: Dark to Light Grey Powder containing fine sand. |

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: Will irritate eyes. 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 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 eyes with lukewarm water for 15 minutes holding eyelids open. If irritation persists see a physician.

INGESTION: DO NOT INDUCE VOMITING!!! Give victim water and seek immediate medical attention:

SKIN: Wash with soap and water. If irritation persists seek medical attention.
Calcium Hydroxide TLV 5 mg.M3 (ACGIH)



MSDS-11
January 2009

MATERIAL SAFETY DATA SHEET

Page 3

SECTION 06: PREVENTIVE MEASURES

PERSONAL PROTECTION: Wear safety glasses (with side shields), waterproof PVC or neoprene full length gloves and an approved dust mask when handling this 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 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

Prepared By: R.J. Green, Plant Manager
CPD Construction Products
Concord, Ontario L4K 1L4