

PRODCUT: CPD TRAPROCK



SECTION 01: PRODUCT INFORMATION

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

Product Identifier: CPD Traprock

Application and Use: Skid resistant aggregate for traffic membrane systems.

Product Description: Basalt aggregate consisting of a range of different gradations. All gradations have the same chemical composition. Aggregate is washed and dried (dust free).

Regulatory Classification:
WHMIS - Class D, Division 2 Subdivision A

Transportation of Dangerous Goods: Not regulated under TDG.

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		
**Silica Quartz (Quartz)	2-3%	14808-60-7	LD50: Not available	LC50: Not available
Aluminium Oxide	10-30%	1344-28-1	LD50: Not available	LC50: Not available
Ferric Oxide	1-5%	1309-37-1	LD50: Not available	LC50: Not available
Calcium Oxide	1-2%	1305-78-8	LD50: Not available	LC50: Not available

** Basalt aggregate contains Quartz. The Quartz that exists as dust particles with an aerodynamic diameter less than 5 microns is hazardous when inhaled. An approved dust mask (for Crystalline Silica) should be worn by workers handling this product in the dry state.

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SECTION 03: PHYSICAL DATA

Physical State: Solid	Viscosity: n/a
Specific Gravity: 3.0	Vapour Density (Air=1): n/a
Vapour Pressure: n/a	Evaporation Rate: n/a
Solubility in Water: Nil	% Volatile: n/a
PH (Aqueous Solution): n/a	Odour: None
Boiling Point: n/a	

Appearance: Charcoal to dark grey colored aggregate. Varies in size depending on gradation.
N/A= **Not Applicable**

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.

EYE CONTACT: May irritate through abrasive action.

SKIN CONTACT: No effect.

INGESTION: Can cause irritation to throat. Product is inert chemically.

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. TWA Aluminium oxide is 10 mg./m³. TWA calcium oxide is 10 mg./m³ (ACGIH).

SECTION 05: 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 to remove particles.

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

SKIN: Wash hands with soap and water. Apply good quality hand lotion.



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SECTION 06: PREVENTIVE MEASURES

PERSONAL PROTECTION: Wear safety glasses (with side shields), 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 should be stored under dry conditions. May be stored off the ground and under waterproof tarp in the field for short period of time but warehouse storage is recommended. Aggregate contaminated by water cannot be used.

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

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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