

**MATERIAL SAFETY DATA SHEET**

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**PRODUCT: CIPADITE E-500 AGGREGATE**



**SECTION 01: PRODUCT INFORMATION**

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

**Product Identifier:** CIPADITE E-500 Aggregate (Special Note): CIPADITE E-500 is a three component product. This MSDS is only for the aggregate component. See the separate MSDS's for the resin component and hardener component. This product has 3 material safety data sheets.

**Application & Use:** High strength grout for base plates, anchor bolts, columns etc. where either very high strengths and (or) chemical resistance are required.

**Product Description:** Silica filled thermosetting Epoxy Compound. This component is the Silica Aggregate Component only.

**Regulatory Classification**

WHMIS 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.

<u>NAME</u>	<u>(pbw)%</u>	<u>CAS</u>
Silica Sand ** Quartz	60-100	14808-60-7 LD50 - N/A LC50 - N/A

\*\* The sand used in this product contains Quartz. The Quartz that exists as particles with an Aerodynamic Diameter less than 5 microns is hazardous. An approved dust mask (for Crystalline Silica) should be worn by workers when handling this product in the dry state.

**SECTION 03: PHYSICAL DATA**

Physical State: Solid  
Specific Gravity: 2.20  
Vapour Pressure: n/a  
Solubility in Water: Insoluble in water  
Boiling Point: n/a  
Viscosity: n/a

Vapour Density (AIR=1): n/a  
Evaporation Rate: n/a  
% Volatile: n/a  
Odour: None  
Appearance: Light Grey Granular Sand Aggregate



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**SECTION 04: TOXICOLOGICAL PROPERTIES**

**INHALATION:** Crystalline Silica (Quartz) dust particles below 5 micron in diameter may be present in this product. Excessive long term inhalation of particles of this size (or smaller) may cause the lung disease (Silicosis). The prolonged inhalation of dust may result in shortness of breath. May be irritating to mucous membranes and respiratory tract.

**EYE CONTACT:** No effect except as mechanical irritant

**SKIN CONTACT:** No effect

**INGESTION:** No known effect

**CHRONIC:** Excessive exposure to crystalline silica dust particles (below 5 micron in diameter) could lead to the development of the irreversible lung disease "Silicosis".

**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 Safety and Health 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.

**SKIN CONTACT:** Flush with water.

**INGESTION:** None.

**SECTION 06: PREVENTIVE MEASURES**

**PROTECTIVE EQUIPMENT:** Wear safety glasses, work gloves and an approved dust mask when handling Epoxy Grout Aggregate. The dust mask must be suitable for silica dust. Observe good personal hygiene. No engineering controls are required when product is used in small quantities.

**HANDLING, STORAGE AND SHIPPING:** Product should be stored off the ground. May be stored outside or inside under tarp. Do not allow bags of aggregate to get wet. Aggregate cannot be used if wet.

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

**SECTION 07: FIRE AND EXPLOSION DATA**

None Non-combustible material

**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