

MSDS-1102
January 2015

MATERIAL SAFETY DATA SHEET

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PRODUCT: AVROCON INDUSTRIES INC. PART "B" POWDER



SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER/SUPPLIER: CPD Construction Products
219 Connie Crescent, Unit #13
Concord, Ontario Canada L4K 1L4

24 HOUR EMERGENCY NUMBER: CANUTEC: (613) 996-6666

APPLICATION AND USE: Used for patching of vertical, overhead and horizontal concrete.

PRODUCT DESCRIPTION: Patching compound. This is a two component product. The other component is Avrocon Finalcrete Part "A" Latex.

SECTION 02: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	Exposure Limit (TWA)	C.A.S. #	LD/50, Route, Species	LC/50 Route/Species
Sand ** (Quartz)	30-60	0.2mg/m3	14808-60-7	Not Available	Not Available
Portland Cement	30-60		65997-15-1	Not Available	Not Available

**The sand used in this product contains approximately 85% (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: HAZARDOUS IDENTIFICATION

ROUTE OF ENTRY:

EYE CONTACT: Will irritate eyes. No permanent damage likely.

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

INHALATION (ACUTE): Crystalline silica (quartz) dust particles below 5 microns in diameter may be present in this product. The prolonged inhalation of dust may result in irritation of nasal tissue. Prolonged exposure may develop allergic dermatitis.

SECTION 04: FIRST AID MEASURES

EYE CONTACT: Flush eye(s) with lukewarm water for 15 minutes holding eyelids open. If irritation persists see a physician.

SKIN CONTACT: Wash with soap and water. If irritation persists seek medical attention.

INHALATION: Remove victim to fresh air. If irritation persists consult a physician.

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

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SECTION 05: FIRE FIGHTING MEASURES		
FLASH POINT:	Non-combustible	
AUTO IGNITION TEMPERATURE (deg C): .	Not applicable	
UPPER FLAMMABLE LIMIT (% VOL):	Not applicable	
LOWER FLAMMABLE LIMIT (% VOL):	Not applicable	
EXTINGUISHING MEDIA	None	
SPECIAL FIRE FIGHTING PROCEDURES: ...	None. Non combustible product as supplied.	
HAZARDOUS COMBUSTION PRODUCTS: ...	None	
SENSITIVITY TO MECHANICAL IMPACT: ...	Not applicable	
SENSITIVITY TO STATIC DISCHARGE:	Not applicable	
SECTION 06: ACCIDENTAL RELEASE MEASURES		
LEAK/SPILL:	Sweep area with dust retarding floor sweeping compound.	
SECTION 07: HANDLING AND STORAGE		
HANDLING PROCEDURES:	Use adequate ventilation. Do not breathe dust. Avoid skin and eye contact. Wash thoroughly after handling. Remove contaminated clothing.	
STORAGE NEEDS:	Product must be stored under dry conditions. May be stored of the ground and under waterproof tarp in the field for short periods.	
SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION		
PROTECTIVE EQUIPMENT:		
EYE / TYPE:	Use safety goggles with side shields.	
RESPIRATORY PROTECTION:	For operations where inhalation exposure can occur wear protective dust mask.	
GLOVES / TYPE:	Wear suitable gloves, e.g., PVC or nitrile rubber.	
CLOTHING / TYPE:	Wear adequate protective clothes.	
FOOTWEAR / TYPE:	Safety boots per local regulations.	
OTHER / TYPE:	Portable eye wash stations should be made available at all jobs sites.	
VENTILATION REQUIREMENTS:	General dilution and local exhaust as necessary to control airborne dust below appropriate concentration standards/guidelines.	
SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES		
PHYSICAL STATE:	Powder/Granular Solid	
VAPOUR PRESSURE:	Not applicable	
VISCOSITY:	Not applicable	
VAPOUR DENSITY (AIR =1):	Not applicable	
SPECIFIC GRAVITY @ 20°C (68°F):	2.20	
BOILING POINT:	Not applicable	
SOLUBILITY IN WATER:	2.0%	
APPEARANCE:	Dark to Light Grey Powder containing fine Silica Sand.	
ODOUR:	None	
Ph LEVEL:	12.0 @ 20°C (68°F) (aqueous Solution)	
% VOLATILE:	Not applicable	
EVAPORATION RATE (N-BUTYLACETATE =1):	Not applicable	

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SECTION 10: STABILITY AND REACTIVITY		
REACTIVITY CONDITIONS:	Product is stable, hazardous polymerization will not occur.	
INCOMPATIBILITY:	DO NO ALLOW PRODUCT to get wet as it will harden.	
HAZARDOUS PRODUCTS OF DECOMPOSTION:	Stable. Hazardous decomposition will not occur.	
SECTION 11: TOXICOLOGICAL INFORMATION		
ACUTE ORAL TOXICITY (LD50):	See page 1, section 2	
IRRITANCY OF MATERIAL:	May cause irritation.	
SENSITIZING CAPABILITY OF MATERIAL: ..	Not available	
CARCINOGENICITY OF MATERIAL:	Crystalline Silica is classified by IARC as "2A-Probably Carcinogenic to Humans."	
TERATOGENICITY:	Not available	
MUTAGENICITY:	Not available	
REPRODUCTIVE EFFECTS:	Not available	
SECTION 12: ECOLOGICAL INFORMATION		
FISH TOXICITY (l):	Not available	
BIODEGRADABILITY:	Not available	
SECTION 13: DISPOSAL CONSIDERATION		
WASTE DISPOSAL:	Dispose of as normal garbage. No special precautions required.	
SECTION 14: TRANSPORTATION INFORMATION		
TDG CLASSIFICATION:	Not regulated	
SECTION 15: REGULATORY INFORMATION		
WHMIS CLASSIFICATION:	Class E Corrosive (Portland Cement) Class D Division 2 Subdivision A (Silica Quartz)	
SECTION 16: OTHER INFORMATION		
ACGIH:	American Confederation of Government Industries Hygienists	
IARC:	International Agency for Research on Cancer	
NTP:	National Toxicology program	
STEL:	Short Term Exposure Limit	
TWA:	Time-Weighted Average	
OSHA:	Occupational Safety and Health Administration	
N/A:	Not Available	
PREPARED BY:	Avrocon Industries Inc.	
PREPARATION DATE:	January 15, 2015	
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