

**SAFETY DATA SHEET**

**PRODUCT: CPD NON-SHRINK GROUT (PRE-MIX) DRY PACK**



**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: ..... Grouting Base Plates, Structural Columns.  
 PRODUCT DESCRIPTION: ..... Hydraulic Cement Grout

**SECTION 02: HAZARDS IDENTIFICATION**

**ROUTE OF ENTRY:**

EYE CONTACT: ..... May irritate. No permanent damage likely if treated promptly.  
 SKIN CONTACT: ..... Will dry skin and cause defatting dermatitis with excessive exposure of skin to dry and wet product. Certain people may develop allergic dermatitis from continuous exposure.  
 INHALATION (ACUTE):..... The prolonged inhalation of dust may result in irritation of nasal tissue.  
 INGESTION: ..... Can cause irritation to throat.  
 EFFECTS OF CHRONIC EXPOSURE ..... Excessive exposure (inhalation) could lead to development of the irreversible lung disease "Silicosis".

**SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS**

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

\*\*The sand used in this product contains quartz. Although the minimum grain size is 150 Microns certain precaution should still be taken during handling to avoid inhalation of dust.

**SECTION 04: FIRST AID MEASURES**

EYE CONTACT ..... Flush eye(s) with lukewarm water for 15 minutes. If irritation persists see physician. Hold eyelids open  
 SKIN CONTACT ..... Wash hands with soap and water. Apply good quality hand lotion. If irritation persists see physician.  
 INHALATION ..... Remove to fresh air.  
 INGESTION ..... Will irritate throat. Give individual water and see physician.

**SECTION 05: FIRE FIGHTING MEASURES**

FLASH POINT ..... Non-combustible material  
 AUTO IGNITION TEMPERATURE (deg C) .... Not applicable  
 UPPER FLAMMABLE LIMIT (% VOL) ..... Not applicable  
 LOWER FLAMMABLE LIMIT (% VOL) ..... Not applicable  
 EXTINGUISHING MEDIA ..... None. This product will not burn.  
 SPECIAL FIRE FIGHTING PROCEDURES..... None  
 HAZARDOUS COMBUSTION PRODUCTS ..... None.  
 SENSITIVITY TO MECHANICAL IMPACT ... Not applicable.  
 SENSITIVITY TO STATIC DISCHARGE ..... Not applicable

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<b>SECTION 06: ACCIDENTAL RELEASE MEASURES</b>		
LEAK/SPILL: .....	Sweep area with dust retarding floor sweeping compound. Dispose of as normal garbage. No special precautions required.	
<b>SECTION 07: HANDLING AND STORAGE</b>		
HANDLING PROCEDURES .....	Use adequate ventilation. Do not breathe dust.	
STORAGE NEEDS .....	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. <b>DO NO ALLOW</b> product to get wet as it will harden.	
<b>SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION</b>		
PROTECTIVE EQUIPMENT:		
EYE / TYPE .....	Use Safety goggles with side shield.	
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 .....	Eyewash fountain.	
VENTILATION REQUIREMENTS .....	General dilution and local exhaust as necessary to control airborne dusts below appropriate airborne concentration standards/guidelines.	
<b>SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES</b>		
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 .....	<1.0%	
APPEARANCE.....	Medium to Light Grey Powder Containing Fine Sand	
ODOUR .....	None	
pH LEVEL .....	12.5 @ 20°C (68°F) (Aqueous Solution)	
% VOLATILE .....	Not applicable	
EVAPORATION RATE (N-BuAc=1).....	Not applicable	
<b>SECTION 10: STABILITY AND REACTIVITY</b>		
REACTIVITY CONDITIONS .....	Product is stable, hazardous polymerization will not occur.	
INCOMPATIBILITY .....	High humidity or wet conditions.	
HAZARDOUS PRODUCTS OF DECOMPOSTION .....	Hazardous decomposition will not occur.	
<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>		
ACUTE ORAL TOXICITY (LD50) .....	See Page 1, Section 2	
IRRITANCY OF MATERIAL .....	May cause irritation.	
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.	



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**Revised October 8<sup>th</sup>, 2014**

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**SECTION 12: ECOLOGICAL INFORMATION**

FISH TOXICITY (1) ..... Not available.  
 BIODEGRADABILITY ..... Not available.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL ..... No special requirements. Dispose of as normal garbage.

**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 Governmental Industrial 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: ..... Camelia Gardo  
 TELEPHONE NUMBER: ..... (905) 669-5013  
 PREPARATION DATE: ..... October 8<sup>th</sup>, 2014

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