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May 2013

MATERIAL SAFETY DATA SHEET						Page 1
PRODUCT: REHABILICRETE 150 DRY B						
						
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 RehabiliCRETE 150 Liquid A.						
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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<b>SECTION 05: FIRE FIGHTING MEASURES</b>		
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	
<b>SECTION 06: ACCIDENTAL RELEASE MEASURES</b>		
LEAK/SPILL: .....	Sweep area with dust retarding floor sweeping compound.	
<b>SECTION 07: HANDLING AND STORAGE</b>		
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.	
<b>SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION</b>		
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.	
<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: .....	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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<b>SECTION 10: STABILITY AND REACTIVITY</b>		
REACTIVITY CONDITIONS: .....	Product is stable, hazardous polymerization will not occur.	
INCOMPATIBILITY: .....	DO NOT ALLOW PRODUCT to get wet as it will harden.	
HAZARDOUS PRODUCTS OF DECOMPOSITION: .....	Stable. 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.	
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	
<b>SECTION 12: ECOLOGICAL INFORMATION</b>		
FISH TOXICITY (l): .....	Not available	
BIODEGRADABILITY: .....	Not available	
<b>SECTION 13: DISPOSAL CONSIDERATION</b>		
WASTE DISPOSAL: .....	Dispose of as normal garbage. No special precautions required.	
<b>SECTION 14: TRANSPORTATION INFORMATION</b>		
TDG CLASSIFICATION: .....	Not regulated	
<b>SECTION 15: REGULATORY INFORMATION</b>		
WHMIS CLASSIFICATION: .....	Class E Corrosive (Portland Cement) Class D Division 2 Subdivision A (Silica Quartz)	
<b>SECTION 16: OTHER INFORMATION</b>		
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: .....	HC Products Inc.	
PREPARATION DATE: .....	May 23, 2013	
<p>The above information pertains to this product as currently formulated, and it based on the information available at this time. Addition of reducers or others additives to this product may substantially alter the composition and hazard of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use if this information.</p>		