

MATERIAL SAFETY DATA SHEET

PRODUCT: CPD ACRYLIC CURE & SEAL WB (CLEAR & COLORED)



SECTION 01: PRODUCT INFORMATION

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

Product Identifier: Acrylic Cure & Seal WB (Clear & Colored)

Application & Use: Water based sealer for concrete floors and for curing new concrete floors. This product can be applied by brush, roller, or spraying. Spraying is the most common method of application.

Regulatory Classification:

WHMIS Information:

Class D, Division 2, Subdivision A

Class D, Division 2, Subdivision B

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.

NAME	(pbw)%	CAS	
Dipropylene Glycol Methyl ether	1-5	34590-94-8	LD50: 5400 ul/Kg. (Oral-Rat) LC50: >500ppm (Inh.-Rat)
Dipropylene Glycol n-butyl ether	1-5	29911-28-2	LD50: 10ml/Kg. (Dermal Rabbit) LD50: 1620ul/Kg. (Oral-Rat) LC50: 2.4mg/L (Inh.-Rat) LD50: 5860ul/Kg. (Dermal Rabbit)

SECTION 03: PHYSICAL DATA

Physical State: Liquid	Specific Gravity: 1.03 – 1.04
Vapour Pressure: N/A	Solubility in Water: Infinite
Boiling Point: >100°C	Freezing/Melting Point: 0°C
Viscosity: (#4 F.C.) – (Clear) 18-20 seconds (Colored) 60-70 Seconds	Vapour Density (Air=1) : >1.0
% Volatile: 72% (Clear) / 62% (Colored)	Evaporation Rate (n-ButylAcetate=1): N/A
Appearance: Milky White or Colored	Odour: Slight Ammonia Odour
	V.O.C. Content - 57 gms/L (Clear) - 92 gms/L (Coloured)

SECTION 04: TOXICOLOGICAL PROPERTIES

NATURE OF HAZARD

INHALATION: This product is water based and has very low volatility. No health hazard from inhalation of vapour under normal conditions of use. However, breathing of mist may be irritating to nose and throat. Avoid all inhalation of mist.

EYE CONTACT: Will irritate eyes. May cause redness and swelling of the conjunctiva on single severe exposure.

SKIN CONTACT: Brief contact is not irritating but continuous exposure may irritate the skin. Prolonged or widespread skin contact may result in the absorption of potentially harmful amounts of material.

INGESTION: Slightly toxic. May produce signs of intoxication characterized by incoordination, dizziness, drowsiness, headache, nausea, mental confusion, possible slurred speech and stupor, depending on the quantity of material ingested. Do not induce vomiting. Severe kidney damage results upon ingestion of large volumes of this product. May be fatal.

CHRONIC EFFECTS: No information on chronic effects.

OCCUPATIONAL EXPOSURE LIMIT:

ACGIH RECOMMENDS: TWA-TLV

For Dipropylene Glycol Methyl Ether – 100ppm

For Dipropylene Glycol n-butyl ether – Not Available

SECTION 05: FIRST AID MEASURES

INHALATION: Remove victim to fresh air if inhalation of mist occurs. If adverse effects are experienced see physician.

EYE CONTACT: Immediately flush eyes with water for 15 minutes holding open eyelids. Seek immediate medical attention if irritation persists.

SKIN CONTACT: Flush with large amounts of water. Use mild soap if available. Remove severely contaminated clothing (including shoes) and launder before reuse.

INGESTION: If victim is still conscious, give 2 glasses of water. Seek immediate medical attention. Never give anything by mouth to an unconscious person.

MATERIAL SAFETY DATA SHEET

Page 3

SECTION 06: PREVENTIVE MEASURES

PERSONAL PROTECTION: Workmen should avoid all contamination of eyes and skin. Wear safety glasses with side shields, full length PVC or Neoprene gloves and work coveralls. Where the possibility of the inhalation of mist exists workmen should wear the appropriate respirator.

ENGINEERING CONTROLS: Not necessary under normal conditions of use. If application is in an area with no ventilation some passive ventilation should be provided.

HANDLING STORAGE SHIPPING: Keep containers closed when not in use. Do not allow this product to freeze. Store under normal warehouse conditions. Empty product containers may contain product residue. Do not reuse to store foodstuffs or drinking water under any conditions.

SPILL CONTROL AND DISPOSAL:

Area of spill will be slippery. Use care to avoid falling. Do not flush product into storm sewers, sanitary sewers, or water courses. Soak up product with sand, earth or some other inert material. Dispose of in accordance with all federal, provincial and municipal regulations.

SECTION 07: FIRE AND EXPLOSION DATA

Flashpoint and Method: Non-Combustible

Auto ignition Temperature: Not Applicable

Flammable Limits: Not available

GENERAL HAZARDS: This product is non-combustible, but if temperatures are high enough it will boil until water is driven off then the remaining resin solids will burn. Toxic gases may be formed during fire.

FIRE FIGHTING: Use water to extinguish fire of polymer solids. A self contained breathing apparatus should be used for all indoor fires.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, fumes.

SECTION 08: REACTIVITY DATA

GENERAL: This product is stable and hazardous polymerization will not occur under normal conditions.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Do not contaminate product with any acidic or basic compounds. Do not allow product to freeze.

HAZARDOUS DECOMPOSITION: None.

SECTION 09: PREPARATION

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