

**MATERIAL SAFETY DATA SHEET**

**PRODUCT: CPD CHLORINATED RUBBER CURE & SEAL**



**SECTION 01: PRODUCT INFORMATION**

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

**Product Identifier:** CPD Chlorinated Rubber Cure & Seal.

**Application & Use:** For curing new concrete and sealing/dust proofing cured concrete. May be sprayed, brushed or roller applied. Spray application is the preferred method.

**Product Description:** Chlorinated Rubber Polymer in solvent based solution.

**Regulatory Classification:**

WHMIS - Class B Division 2 (Flammable Liquid)  
Class B Division 2 Subdivision A  
Class D Division 2 Subdivision A: **VERY TOXIC**

**Transportation of Dangerous Goods Information**

UN Number: 1307  
Shipping Name: Xylenes  
Packing Group: III  
Primary TDG: Class 3

**EMERGENCY TELEPHONE NUMBERS:**

CANUTEC: (613) 996-6666

**SECTION 02: HAZARDOUS INGREDIENTS**

The following component data is defined in accordance with subparagraph 13(a) (i) to (iv) or paragraph 14(a) of the Hazardous Products Act.

NAME	(pbw) %	CAS	LD50:4gm/kg.(Oral-Rat)	LC50:6,500 ppm Rat
Xylenes	81-83	1330-20-7	LD50:2.8gm/kg.(Oral-Rat)	LC50:13480 ppm/(Mice)4 Hrs.
Carbon Tetra-Chloride	0.1-1%	56-23-5		

**SECTION 03: PHYSICAL DATA**

Physical State: Liquid  
Specific Gravity: 0.915 @ 20°C  
Vapour Pressure: 2.5 KPa @ 38°C  
Solubility in Water: < 0.1% @ 20°C  
Boiling Point: 139 to 142°C  
Freezing/Melting Point: <0°C

Viscosity: 10 cps at 20°C  
Vapour Density (AIR=1): >1  
Evaporation Rate (n-BuAc=1): 0.75  
% Volatile: 82.0 + .5%  
Odour: Aromatic Hydrocarbon Solvent  
Appearance: Light Yellow to Amber coloured clear liquid.

**SECTION 04: TOXICOLOGICAL PROPERTIES**

**INHALATION:** High vapour concentrations are irritating to the eyes, nose throat and lungs, may cause headaches and dizziness; may be anaesthetic and may cause other central nervous system effects. Negligible hazard at normal temperatures (up to 38°C).

**EYE CONTACT:** Irritating, but will not injure eye tissue.

**SKIN CONTACT:** Frequent or prolonged contact may irritate the skin. Low toxicity. Will cause defatting, dermatitis.

**INGESTION:** Small amounts of this liquid drawn into the lungs from swallowing or vomiting may cause severe health effects (e.g. bronchopneumonia or pulmonary edema). This product also contains a small amount of Carbon Tetrachloride which could cause upon ingestion, Cirrhosis of the liver and other liver diseases as well as kidney diseases.

**NOTE:** " High level exposure to Xylene in laboratory animals, often at levels which are toxic to the mother, have affected the development of the fetus. The relevance of this to humans is not known."

**OCCUPATIONAL EXPOSURE LIMIT:**

ACGIH Recommends: (TLV)

For Xylenes, 100 ppm (435 mg/m<sup>3</sup>)

For Carbon Tetrachloride, 10 ppm

**SECTION 05: FIRST AID MEASURES**

**INHALATION:** In emergency situations use proper respiratory protection to immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.

**EYE CONTACT:** Flush eyes with large amounts of water holding open eyelids for 15 minutes until irritation subsides. If irritation persists, get medical attention.

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

**INGESTION:** If swallowed, DO NOT INDUCE VOMITING!!! Keep at rest and get victim immediate medical attention.

**SECTION 06: PREVENTIVE MEASURES**

**PERSONAL PROTECTION:** The selection of personal protective equipment varies depending upon conditions of use. Where prolonged and/or repeated skin and eye contact is likely to occur, wear safety glasses with side shields, full work coveralls and gloves resistant to aromatic solvent. Where concentrations in the air may exceed the occupational exposure limits and where engineering, work practices or other means of exposure reduction are not adequate, approved respirators may be necessary to prevent overexposure by inhalation.

**ENGINEERING CONTROLS:** Not necessary for outdoor use or indoor use where small quantities are used. Since this product is used to cure and seal concrete floors the rate of evaporation after application is very fast. Extreme care should be taken as far as ventilation to assure that no solvent vapours enter air reticulation systems in occupied office buildings, manufacturing plants, shipping malls or residential buildings. Good ventilation practices must be observed for a period after application.



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**SECTION 06: PREVENTIVE MEASURES cont' d**

**HANDLING, STORAGE AND SHIPPING:** Keep containers closed when not in use. Handle and open containers with care. Store in a cool well ventilated place away from incompatible materials. DO NOT handle or store near an open flame, sources of heat, or sources of ignition. Protect product from direct sunlight. This product will accumulate static charges which may cause an incendiary electrical discharge. Use proper grounding procedures. Use only explosion proof equipment for power spraying application. Empty containers may contain residue. DO NOT REUSE.

**SPILL CONTROL AND DISPOSAL:** Consult an expert on the disposal of large quantities of this product. Ensure that disposal is in compliance with government requirements and ensure conformity to local disposal regulations. Eliminate sources of ignition. Prevent spills from entering sewers, watercourses, or low areas. Contain spills with sand or earth and absorb spill with same. Do not use combustible materials such as sawdust.

**SECTION 07: FIRE AND EXPLOSION DATA**

**Flash Point and Method:** 24°C (TCC)

**Auto ignition Temperature:** >350°C

**Flammable Limits:** 1.1 to 7% (by volume).

**GENERAL HAZARDS:** Flammable liquid may release vapours that form flammable mixtures at or above the flashpoint. Toxic gases will form upon combustion.

**FIRE FIGHTING:** Use water spray to cool fire exposed surfaces and to protect personnel. If a leak or spill has not ignited use water spray to disperse the vapours. Use foam or dry chemical to extinguish fire. Respiratory and eye protection required for fire fighting personnel. A self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may be easily extinguished with a portable fire extinguisher, use of an SCBA may not be required.

**HAZARDOUS COMBUSTION PRODUCTS:** Combustion products of this material can be very hazardous. Carbon monoxide, phosgene, hydrogen chloride, chlorinated acids, aldehydes and ketones may be generated through combustion. Some of the above are severe eye, skin and respiratory irritants.

**SECTION 08: REACTIVITY DATA**

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

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:** Strong oxidizing agents, temperatures above ambient, concentrated inorganic acids.

**HAZARDOUS DECOMPOSITION:** None.

**SECTION 09: PREPARATION**

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