

MATERIAL SAFETY DATA SHEET

PRODUCT: CIPADECK MEMBRANE 60LT PART A BASE



SECTION 01: PRODUCT INFORMATION

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

Product Identifier: CIPADECK MEMBRANE 60LT (Part A).
This is a two component system. See separate data sheet for Part B.

Application and Use: Roller applied polyurethane membrane.

Product Description: Two-component low temperature cure POLYURETHANE membrane.

Regulatory Classification:
WHIMIS - Class B, Division 2: (Flammable Liquid) Class D2A, D2B

Transportation of Dangerous Goods Information:
FLAMMABLE LIQUID N.O.S. (Xylenes), Class 3, UN 1993, PGIII

EMERGENCY TELEPHONE NUMBERS:
CANUTEC: (613) 996-6666

SECTION 02: HAZARDOUS INGREDIENTS

The following component data is defined in accordance with paragraph 13(a) (i) to (iv) or paragraph 14(a) of the HAZARDOUS PRODUCTS ACT.

NAME	C.A.S.%	(Weight)		
Xylene	1330-20-7	10-30	LD50-4300mg/kg (Oral-Rat)	LC50-6700ppm/4hrs.
1, 3 - Butadiene,	69102-90-5	7-13	LD50-N/A	LC50-N/A
Homopolymer, (Hydroxy Terminated)				
Polybutadienediol	69102-90-5	7-13	LD50-N/A	LC50-N/A

N/A = Not Available

SECTION 03: PHYSICAL DATA

Physical State: Liquid	Specific Gravity: 1.20 @ 23°C (73°F)
Vapour Pressure: n/a	Solubility in Water: 15-20% (by weight)
Boiling Point: >138°C	Freezing/Melting Point: n/a
Viscosity: 1600 cps @ 23°C (73°F)	Vapour Density: n/a
Evaporation Rate: n/a	% Volatile: 15-17% (by weight)
Odour: Aromatic Solvent	Appearance: Dark Grey Mobile Liquid



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SECTION 04: TOXICOLOGICAL PROPERTIES

Route(s) Entry: Inhalation; skin contact, eye contact.

Effects of Acute Overexposure:

Eyes: May cause irritation and, if left untreated, corneal damage could occur and injury would be slow to heal. Symptoms include redness, tearing, swelling, burning or stinging pain.

Skin: Exposure may cause skin irritation, including reddening, swelling, rash, scaling or blistering.

Breathing: Inhalation can cause irritation of the nose, throat and respiratory tract, shortness of breath and central nervous system effects. Symptoms of acute inhalation include headache, nausea, fatigue and dizziness.

Swallowing: Can result in irritation in the digestive tract. Symptoms can include sore throat, abdominal pain, nausea, vomiting and diarrhea. Vomiting may cause aspiration of solvent resulting in chemical pneumonitis, which can be fatal.

OCCUPATIONAL EXPOSURE LIMIT:

AGGIH RECOMMENDS: (TLV-TWA)

FOR XYLENE, 100 ppm (435 mg./m³)

SECTION 05: FIRST AID MEASURES

First Aid: If in eyes: Flush eyes with clean water for at least 15 minutes while occasionally lifting eyelids. Obtain medical attention if irritation persists.

If on skin: Remove contaminated clothing immediately. Wash contaminated areas thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. Seek medical attention if irritation develops or persists.

If breathed: Move to an area with fresh air and free from risk of further exposure. Administer oxygen or artificial respiration as needed. Consult physician.

If swallowed: **DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.** Consult physician immediately.

SECTION 06: PREVENTIVE MEASURES

PERSONAL PROTECTION: The selection of personal protective equipment varies depending upon conditions of use. Where 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 controls, 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. Extreme care should be taken as far as ventilation to assure that no solvent vapours enter air handling systems in occupied office buildings, manufacturing plants, shopping 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. 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 to clean up spill of this product.

SECTION 07: FIRE & EXPLOSION HAZARDS

FLASH POINT & METHOD: 28°C (T.C.C.)

FLAMMABLE LIMITS (% in air): LOWER: 1.1 UPPER: 7.0

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Do not use water except as fog. Wear adequate respiratory and clothing protection. Handle as a flammable liquid. Use water spray to cool fire-exposed containers and to protect personnel. When using water, boil over may occur when the product temperature reaches the boiling point of water.

UNUSUAL FIRE & EXPLOSION HAZARDS: Vapour may form an explosive mixture between upper and lower flammable limits. Vapours from this product may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharges, or other ignition sources at locations distant from the point of handling.

SECTION 08: REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Heat, sparks and other sources of ignition.

INCOMPATIBILITY: Strong oxidizing agents, alkaline materials, mineral acids, halogens.

HAZARDOUS DECOMPOSITION PRODUCTS: Stable when stored under normal warehouse conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 09: PREPARATION

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