

**MATERIAL SAFETY DATA SHEET**

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**PRODUCT: CIPADOR E-100 PART B (COLORED)**



**SECTION 01: PRODUCT INFORMATION**

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

**Product Identifier:** CIPADOR E-100 Part B (colored)

**Application and Use:** Roller Applied Epoxy Floor Coating

**Product Description:** Two component Epoxy Coating

**Regulatory Classification:**

WHMIS Information: Class D-2A  
Class D-2B  
Class E, corrosive

**Transportation of Dangerous Goods Information:**

Polyamines, liquid, corrosive, N.O.S. (Aliphatic Amine Blend): Class 8 UN 2735 PG II

**EMERGENCY TELEPHONE NUMBERS**

CANUTEC: (613) 996-6666

**SECTION 02: HAZARDOUS INGREDIENTS**

| <b>Ingredients</b>              | <b>CAS#</b>   | <b>%(weight)</b> | <b>LD/50 Route/Species</b>                         |
|---------------------------------|---------------|------------------|--|
| Amino and Epoxy Resin Copolymer | not available | 10-30            | LD50 - Not available                               |
| Nonyl Phenol                    | 25154-52-3    | 15-40            | LD50-1620mg/kg(Rat-Oral)<br>2140mg/kg(Rabbit-Skin) |
| Aminoethylethanolamine          | 111-41-1      | 3-7              | LD50- >2000mg/kg(Oral-Rat)                         |
| Aminopropylmorpholine           | 123-00-2      | 3-7              | LD50-1790mg/Kg. (Oral-Rat)                         |
| Amino Terminated Polyether      | 9046-10-0     | 15-40            | LD50-1660mg/kg(Rat-Oral)<br>760mg/kg (Rabbit Skin) |
| Aromatic Hydrocarbon            | 64742-94-5    | 5-10             | LD50- Not available                                |



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**SECTION 03: PHYSICAL DATA**

|  |                                       |
|--|---------------------------------------|
| Physical State: Liquid                   | Viscosity: 100 - 140cps @ 23°C (73°F) |
| Specific Gravity: 0.97 @ 23°C (73°F)     | Vapour Density: n/a                   |
| Vapour Pressure: 0.70mm Hg @ 21°C (70°F) | Evaporation Rate: n/a                 |
| Solubility in Water: Slight (0.1-1%)     | % Volatile (voc) / A&B mix: 0g/l      |
| Boiling Point: n/a                       | Odour: Characteristic amine           |
| Freezing/Melting Point: n/a              | Appearance: Clear amber mobile liquid |

**SECTION 04: TOXICOLOGICAL PROPERTIES**

**NATURE OF HAZARD**

**INHALATION, ACUTE:** Irritating to respiratory tract. Coughing and chest pain may result. Inhalation of aerosol, mist or fog may cause harm.

**INHALATION, CHRONIC:** Refer to acute inhalation.

**EYE CONTACT:** Contact with undiluted product with the eyes quickly causes irritation and pain and may cause burns, necrosis and permanent injury. Burns of the eye may cause blindness. Product vapour in low concentration can cause lacrimation, conjunctivitis and corneal edema when absorbed into the tissue of the eye from the atmosphere. Corneal edema may give rise to a perception of "Blue Haze" or "Fog" around lights. The effect is transient and has no known residual effect.

**SKIN CONTACT:** Contact of undiluted product with skin quickly causes irritation and pain and may cause burns, necrosis and permanent injury.

**INGESTION, ACUTE:** May cause bleeding of the gastrointestinal tract and vomiting of blood.

**INGESTION, CHRONIC:** Refer to acute ingestion.

**Toxicological Date:** No data.

**SECTION 05: FIRST AID MEASURES**

**INHALATION:** If inhaled, remove victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention.

**EYE CONTACT:** Flush with water for at least 15 minutes while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Get medical attention.

**SKIN CONTACT:** Wash with soap and water. Launder contaminated clothing before reuse. Contact a physician if irritation develops.

**INGESTION:** Get medical attention immediately. Do not induce vomiting. Remove stomach contents by gastric suction only as directed by medical personnel. Never give anything by mouth to an unconscious person.

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**SECTION 06: PREVENTIVE MEASURES**

**PERSONAL PROTECTION:** Avoid smoking, drinking or eating in use. Avoid contact with eyes, skin and clothing. Discard contaminated leather.

**ENGINEERING CONTROLS:** General ventilation; local exhaust ventilation as necessary to control any air contaminants, to within their TLV's, in the use of this product.

**HANDLING, STORAGE AND SHIPPING:** Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Cancer causing nitrosamines could be formed. Store away from heat and ignition sources. Store in a cool, dry and well ventilated area. Keep away from acids, alkalis and oxidizing agents. Keep containers closed when not in use. Do not store in iron or other reactive metal containers.

**SPILL CONTROL AND DISPOSAL:** Avoid all skin contact. Avoid breathing vapours of heated materials. Keep away from heat, sparks and open flame. Wash thoroughly after handling.

**LAND SPILL:** Eliminate source of ignition. Keep public away. Prevent additional discharge of material, if possible to do so without hazard. Prevent spills from entering sewers, watercourses or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by using a suitable absorbent.

**WATER SPILL:** Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in confined water.

**SECTION 07: FIRE AND EXPLOSION DATA**

**Flashpoint and Method:** >100°C (T.C.C.)

**Auto ignition Temperature:** Not Available

**Flammable Limits:** Not Available

**GENERAL HAZARDS**

**FIRE FIGHTING:** Personnel in vicinity and downwind should be evacuated. Fire fighters should wear approved self contained breathing apparatus and full protective clothing.

**HAZARDOUS COMBUSTION PRODUCTS:** May generate toxic or irritating combustion products. Ammonia, oxides of carbon (CO, CO<sub>2</sub>) and oxides of nitrogen.

**SECTION 08: REACTIVITY DATA**

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

**INCOMPATIBLE MATERIALS:** Contact with mineral acids ( such as sulfuric, phosphoric etc.), alkalis, organic acids (ie; acetic acid, citric acid etc.), reducing agents, reactive metals (ie; sodium, calcium, zinc etc.), sodium or calcium hypochlorite, materials reactive with hydroxyl compounds, amines, nitrites, nitrosating agents such as perchlorates or nitrates.

**HAZARDOUS DECOMPOSITION:** Irritating and toxic fumes at elevated temperatures. Ammonia when heated. Oxides of nitrogen. Organic acid vapours. Aldehydes. Nitric acid. Nitrosamines. Nitrogen oxides can react with water vapours to form corrosive nitric acid. Oxides of carbon (CO, CO<sub>2</sub>).

**SECTION 09: PREPARATION**

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