

MATERIAL SAFETY DATA SHEET

PRODUCT: CIPADITE 35 PART A BASE



SECTION 01: PRODUCT INFORMATION

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

Product Identifier: CIPADITE 35 Part A Base

Application & Use: Used for bonding fresh Portland Cement concrete overlays to prepared concrete bases such as interior concrete floors. Also used for bonding anti-slip aggregate on concrete and bituminous concrete surfaces and for the bonding of precast concrete units, steel plates or other metal sections to concrete.

Product Description: Two-component polyamide epoxy thermosetting adhesive.

NOTE: There are two separate Material Safety Data Sheets for this product. There is one MSDS for the Base Component, Part "A" and another MSDS for the hardener component Part "B". Read both Material Safety Data Sheets before using this product. This MSDS is for the resin Base (Part "A") component only.

Regulatory Classification: WHMIS - Class D Division 2 Subdivision B (Skin Sensitizer)

Transportation of Dangerous Goods: 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	
4,4 Isopropyl-Denediphenol-Epichlorohydrin Resin	60-100	25068-38-6	LD50-11.4gm./Kg.(oral-Rat) LD50-20 ml./Kg.(Skin-Rabbit) LC50-Not available
Alkyl Glycidylethe	7-13	68609-96-1	LD50-10 gm./kg.(Oral-Rat) LC50-Not available

SECTION 03: PHYSICAL DATA

Physical State: Liquid	Viscosity: 3000-4000 cps @ 20°C
Specific Gravity: 1.15 @ 20°C	Vapour Density (AIR=1): >1.0
Vapour Pressure: (mmHg): 13 @ 20°C	Evaporation Rate: Not available
Solubility in Water: Negligible	% Volatile: <1.0 @ 20°C
Boiling Point: Not available	PH: Not available
Freezing/Melting Point: -12°C (10°F)	Odour: Mild odour
	Appearance: White Mobile Liquid.



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SECTION 04: TOXICOLOGICAL PROPERTIES

NATURE OF HAZARD

INHALATION: Not a health hazard under conditions of normal use and temperature. Resin is not volatile at ambient temperature of application.

EYE CONTACT: May irritate eyes. No permanent damage will result from contact.

SKIN CONTACT: This resin is a skin sensitizer. May cause initial irritation. Continuous and frequent contact could lead to skin sensitization in certain individuals.

INGESTION: No information on health hazards of ingestion. Unlikely to cause any severe acute or chronic effects. Low toxicity.

OCCUPATIONAL EXPOSURE LIMIT: No TLV-TWA available (ACGIH).

SECTION 05: FIRST AID MEASURES

INHALATION: Remove victim to fresh air. If adverse effects noticed, see physician.

EYE CONTACT: Flush eyes with water for at least 15 minutes holding eyelids open. If irritation persists see physician.

SKIN CONTACT: Flush with water. Use mild soap if available. Remove all contaminated clothing and fully launder before reuse. If irritation persists see physician.

INGESTION: If swallowed, DO NOT INDUCE VOMITING! Seek immediate medical attention.

SECTION 06: PREVENTIVE MEASURES

PERSONAL PROTECTION: The primary and only serious problem with handling the Base resin component of this product is that of skin sensitization. However, the mixed product is a great deal more hazardous than the Base resin component. Therefore, the minimum safety equipment and precautions will be identical to the hardener component of this product. Wear safety glasses with side shields, full length PVC or neoprene gloves and full work coveralls as the minimum protection. If large quantities of this product are being used and the possibility of splashing is high a full length face shield should be worn by workmen.

ENGINEERING CONTROLS: Not necessary for indoor use where passive ventilation is available.

HANDLING, STORAGE AND SHIPPING: Keep containers closed when not in use. Handle and open containers with care. Store under normal warehouse conditions. Empty product containers may contain product residue. DO NOT REUSE!

SPILL CONTROL AND DISPOSAL: Soak up with absorbent inert material such as sand and collect in suitable containers. Residual material may be removed with soap and hot water. For mixed product exercise care on disposal of waste. The polymerization of this product liberates heat and if mixed material is held in a container (i.e.) drum with combustible materials a fire could result from the heat of polymerization. Waste may be burned in an approved incinerator or buried at an approved land fill site. Observe all Federal, Provincial and Municipal regulations in disposing of waste.



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SECTION 07: FIRE AND EXPLOSION DATA

Flashpoint and Method: > 230°F (110°C) PMCC

Auto ignition Temperature: Not available

Flammable Limits: Not available

GENERAL HAZARDS: This product will burn under the right conditions of sufficient oxygen and heat. Toxic gases will form upon combustion.

FIRE FIGHTING: Full protective gear including SCBA (Self-Contained Breathing Apparatus). Use carbon dioxide, dry chemical or water spray.

HAZARDOUS COMBUSTION PRODUCTS: Phenolic compounds, carbon dioxide, carbon monoxide.

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 agent, amines, excessive heat, strong bases and acids, water.

HAZARDOUS DECOMPOSITION: None when stored under normal warehouse conditions.

SECTION 09: PREPARATION

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