

MATERIAL SAFETY DATA SHEET

PRODUCT: CIPADAM E-13 PART B HARDENER



SECTION 01: PRODUCT INFORMATION

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

Product Identifier: CIPADAM E-13 PART B HARDENER

Application and Use: Pour or pump applied Two Component Epoxy Joint Filler for saw cut for performed concrete joints.

Product Description: Two component flexible epoxy joint filler.

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 curing agent component PART "B". Read both MATERIAL SAFETY DATA SHEETS before using this product. This MSDS is for the Hardener (PART "B") only.

Regulatory Classification: WHMIS - Class E (CORROSIVE) D2B

Transportation of Dangerous Goods Information: (N-Aminoethylpiperazine) Class 8 UN 2815 PG III

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	
N-Aminoethylpiperazine	10-30	140-31-8	LC50-8.0mg/kg (Rabbit-skin)
Mono Nonyl Phenol	30-60	25154-52-3	LC50-2140mg/kg(Rabbit-skin)
Petroleum Distillates	10-30	64741-81-7	LD50-n/a LC50-n/a
Tris, 2,4,6 - Dimethyl-Aminomethyl) Phenol	1-5	90-72-2	LD50-(Oral-Rat) 1200mg/kg LC50-n/a



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SECTION 03: PHYSICAL DATA

Physical State: Liquid	Specific Gravity: 0.980 @ 20°C
Vapour Pressure: (mmHg): n/a	Solubility in Water: Negligible (<0.1%)
Boiling Point: >240°C	Freezing/Melting Point: n/a
Viscosity: 2800 cps @ 23°C	Vapour Density: >1
Evaporation Rate: n/a	% Volatile: <1.0 @ 20°C
pH: n/a	Odour: Characteristic odour amine
Appearance: Black medium viscosity mobile liquid	

SECTION 04: TOXICOLOGICAL PROPERTIES

NATURE OF HAZARD

INHALATION: Essentially non-volatile but vapour may cause irritation of upper respiratory tract. Mist is severely irritating to the upper respiratory tract but this product is not spray applied. Unlikely to be a hazard under normal conditions of use.

EYE CONTACT: CAUTION!! Causes severe eye irritation or burns. May cause permanent visual impairment.

SKIN CONTACT: Causes severe skin irritation or burns. Not considered toxic by skin absorption but prolonged exposure may cause absorption of harmful amounts. This product is a skin sensitizer.

INGESTION: Will cause gastrointestinal irritation or ulceration. May cause burns to mouth and throat. Other effects upon ingestion include nausea, vomiting, diarrhoea, bloody urine, photophobia and dizziness.

CHRONIC: No chronic effects known. Materials are not carcinogenic mutagenic or tetragenic.

OCCUPATIONAL EXPOSURE LIMIT (ACGIH) - NOT LISTED FOR POLYMER OF DIMER ACIDS AND POLYAMINES.

SECTION 05: FIRST AID MEASURES

INHALATION: Move victim to fresh air. In the unlikely event that artificial respiration is required seek medical attention after victim is revived.

EYE CONTACT: Caution! Corrosive and may cause permanent eye damage! Immediately flush eyes with large amounts of water for at least 15 minutes holding eyelids open. Seek immediate medical attention!

SKIN CONTACT: Flush with water for at least 15 minutes after removing all contaminated clothing. See physician.

INGESTION: DO NOT INDUCE VOMITING! Give large quantities of milk or water to victim if available. Seek immediate medical attention!

NOTE TO PHYSICIAN: Support therapy is recommended. No known antidote.



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SECTION 06: PREVENTIVE MEASURES

PERSONAL PROTECTION: Wear safety glasses with eye shields, full length PVC or neoprene gloves and full work coveralls as the minimum protection. Normal use of this product does not require an organic vapour face mask.

ENGINEERING CONTROLS: Not necessary for indoor use where small quantities are used.

HANDLING, STORAGE AND SHIPPING: Keep containers closed when not in use. Handle and open containers with care. Store in a cool well ventilated place. Empty product containers may contain product residue. DO NOT REUSE!

SPILL CONTROL AND DISPOSAL: Absorb spill with sand, earth or other inert materials. Never use sawdust or any other combustible material. This resin should never be flushed down storm sewers, sanitary sewers or into watercourses. Observe all Federal, Provincial and Municipal disposal regulations. This is a thermosetting resin compound. Do not dump waste into barrels containing combustible materials.

SECTION 07: FIRE AND EXPLOSION DATA

Flashpoint and Method: >93°C (200°F) Setaflash

Auto ignition Temperature: > 400°F

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: Use CO₂, dry chemical or water spray to extinguish fire. Under all circumstances fire fighters should wear Self- Contained Breathing Apparatus (SCBA)

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, nitrogen oxides.

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, epoxy resin compounds, water, strong acids and bases, excessive heat.

HAZARDOUS DECOMPOSITION: None.

SECTION 09: PREPARATION

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