

MATERIAL SAFETY DATA SHEET

Page 1

PRODUCT: CIPADITE E-500 PART "A"



SECTION 01: PRODUCT INFORMATION

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

Product Identifier: CIPADITE E-500 Part "A"

Application & Use: High Strength grout for base plates, anchor bolts, columns etc. Where either very high strengths and (or) chemical resistance are required.

Product Description: Aggregate filled thermosetting Epoxy Compound. This component is the base resin only. CIPADITE E-500 is a three component product. There are 3 MSDS' s for this product.

Regulatory Classification:

WHMIS - Class D2B Eye Irritant Class D2B Skin Sensitizer

Transportation of Dangerous Goods - Not regulated under TDG legislation.

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	
4,4-Isopropylidene-diphenol	60-100	25068-38-6	LD50 -11.4gm/kg.(Rabbit-Oral)
2-Ethyl Hexyl Glycidyl Ether	7-13	2461-15-6	LD50-7800mg.kg (Rat-Oral) LC50-No Data

SECTION 03: PHYSICAL DATA

Boiling Point (Deg.C) - Not available	Evaporation Rate (nBuAc=1) - Not available
Freezing Point (Deg.C) - Not available	Partition Coefficient (KOW) - Not available
Density - 1.13 gm/ml. @ 20°C	Water Solubility - Negligible
Vapour Density (Air=1) (mg/m ³) -Not available	Other Solvent - None Identified
Vapour Pressure (mm hg @ Deg. C) > 4.0 @ 20°C	Odour - Mild
PH Level - Not available	Appearance - Light Yellow Mobile Liquid
Viscosity (cps) - 1200-1300 cps @ 20°C	Average Odour Threshold - Not available

SECTION 04: TOXICOLOGICAL PROPERTIES

NATURE OF HAZARD

INHALATION: Prolonged exposure to high vapour concentrations can cause headache, dizziness, nausea, and central nervous system depression. Normal use not considered sufficient for above symptoms to develop.

EYE CONTACT: Product is mildly irritating to eyes.



MSDS-13
January 2009

MATERIAL SAFETY DATA SHEET

Page 2

SECTION 04: TOXICOLOGICAL PROPERTIES cont'd

SKIN CONTACT: Prolonged and repeated contact with skin can cause drying of the skin resulting in skin irritation and Dermatitis. Skin sensitization may occur following repeated contact.

INGESTION: Effects unknown.

CHRONIC: No additional data as to long term effects other than listed previously.

OCCUPATIONAL EXPOSURE LIMIT: None listed.

SECTION 05: FIRST AID MEASURES

INHALATION: Remove victim to fresh air. Restore breathing if required. Seek medical attention.

EYE CONTACT: Flush with water for at least 15 minutes with eyelids held open. Seek medical attention.

SKIN CONTACT: Wash contaminated skin with mild soap and water. If irritation persists, seek medical attention.

INGESTION: DO NOT INDUCE VOMITING!! Obtain medical attention immediately.

SECTION 06: PREVENTIVE MEASURES

PERSONAL PROTECTION: Wear safety glasses with side shields, neoprene or PVC work gloves (full length) as the minimum protective safety equipment. Impervious clothing (apron, coveralls) should also be worn in confined work spaces or where the risk of skin exposure is high. In confined areas or in areas with poor ventilation it may be necessary to wear an approved organic canister mask.

HANDLING, STORAGE AND SHIPPING: Product should be stored under normal warehouse conditions in original containers. Do not allow any component to be contaminated by water. Avoid areas of unusually high temperatures or areas of storage that are located near ignition sources. Do not allow to freeze as resin may crystallize.

SPILL CONTROL AND DISPOSAL: Absorb with sand (or some other non-combustible material.) Dispose of as chemical resin waste in accordance with all provincial and federal legislation. NOTE: If the resin base is mixed with catalyst it will proceed to polymerize and generate heat. In a large enough mass the heat generated could cause a fire. This factor must be considered if large spills of "MIXED" resin have to be disposed of.

SECTION 07: FIRE & EXPLOSION DATA

None as long as components are not mixed and allowed to remain in a large mass. If large quantities of the base resin are mixed with the hardener and allowed to stand the resulting chemical reaction could generate enough heat to ignite the resin mass.

U.E.L. - no data L.E.L. - no data

Flash Point (T.C.C.) >93°C

SECTION 08: REACTIVITY DATA

Stable. Hazardous decomposition will not occur.

SECTION 09: PREPARATION

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