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Revised October 8th, 2017

SAFETY DATA SHEET

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SECTION 1: IDENTIFICATION

PRODUCT NAME: CPD CIPADITE[®] 25 PART "B"

MANUFACTURER/SUPPLIER: CPD Construction Products
219 Connie Crescent, Unit #13
Concord, Ontario Canada L4K 1L4

24 HOUR EMERGENCY NUMBER: CANUTEC: (613) 996-6666

APPLICATION AND USE: Epoxy Injection and Anchorage Resin.

PRODUCT DESCRIPTION: Low Viscosity Epoxy Resin Adhesive.

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Skin corrosion/ irritation- Category 3; Serious eye damage/ eye irritation- Category 3; Skin sensitization- Category 1A; Specific target organ toxicity, single exposure- Category 3 (Respiratory irritation)



SIGNAL WORD **DANGER**

HAZARD STATEMENTS H314 Causes severe skin burns and eye damage.
H317 May cause allergic skin reaction.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged and repeated exposure.

PRECAUTIONARY STATEMENTS

PREVENTION P201 Obtain special instruction before use.
P202 Do not handle until all safety precautions have been read and understood.
P271 Use only outdoors or in a well-ventilated area.
P260 Do not breathe fumes, vapours or mist.
P272 Contaminated work clothing should not be allowed out of the workplace.
P264 Wash thoroughly after handling.
P280 Wear protective gloves/ clothing and eye/face protection.

RESPONSE P308+P313+P311 If exposed or concerned: Get medical attention/ advice. Call a POISON CENTER or doctor/ physician.
P303+P361+P352+P363 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Wash with plenty of water/ soap. Wash contaminated clothing before reuse.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P301+ P330+P331+315 IF SWALLOWED: Rinse mouth. Do not induce vomiting. Get immediate medical advice/ attention.

STORAGE P405 Store locked up.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

OTHER HAZARDS Ingestion can cause gastrointestinal irritation or ulceration. Prolonged or repeated exposure may cause skin absorption of harmful amounts of material, leading to skin sensitization.

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SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS				
Hazardous Ingredients	%	C.A.S. #	LD/50, Route, Species	LC/50, Route, Species
Tris (dimethylaminomethyl) phenol	3-7	90-72-2	1000 mg/ Kg (Oral-Rat) 1280 mg/ Kg (Dermal-Rabbit)	Not Available
2,2' Diaminodiethylamine	10-30	111-40-0	819 mg/ Kg(Oral-Rat) 672 mg/ Kg (Dermal-Rabbit)	Not Available
Aminoethylethanolamine	3-7	111-41-1	>2000 mg/ Kg (Oral-Rat) >2000 mg/ Kg (Dermal-Rabbit)	Not Available
Aminopropylmorpholine	3-7	123-00-2	1790 mg/ Kg (Oral-Rat) 2300 mg/ Kg (Dermal-Rabbit)	Not Available
2-Methylpentamethylene Diamine	10-30	15520-10-2	1690 mg/ Kg (Oral-Rat)	(Inh.-Rat) 1029 ppm (1hr.)
Aromatic Hydrocarbon	3-7	64742-94-5	>6000 mg/ Kg (Oral-Rat) >3160 mg/ Kg (Dermal-Rabbit)	17.1 mg/ L (Inh.- Rat)
4-Nonylphenol (Branched)	10-30	84852-15-3	1620 mg/ Kg (Oral-Rat) 2140 mg/ Kg (Dermal-Rabbit)	Not Available
SECTION 4 : FIRST-AID MEASURES				
FIRST AID MEASURES				
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.			
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.			
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.			
SYMPTOMS AND EFFECTS, ACUTE OR DELAYED				
EYE CONTACT	Contact of undiluted product with the eyes quickly causes irritation and pain; 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.			
INHALATION	Irritation to respiratory tract. Coughing and chest pain may result. Inhalation of aerosol, mist or fog may cause harm.			
INGESTION	May cause bleeding of the gastrointestinal tract and vomiting of blood.			
IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED	Treat symptomatically.			
SECTION 5: FIRE-FIGHTING MEASURES				
SUITABLE EXTINGUISHING MEDIA	Carbon dioxide (CO ₂), dry chemical or alcohol foam.			
UNSUITABLE EXTINGUISHING MEDIA	Do not use a solid water stream as it may scatter and spread fire.			
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.			
FLAMMABILITY CLASSIFICATION	Not flammable, according to OSHA 29 CFR 1910.106.			

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HAZARDOUS COMBUSTION PRODUCTS	Carbon oxides. Nitrogen oxides.	
FIRE-FIGHTERS PROTECTIVE EQUIPMENT ...	Fire-fighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots and in enclosed spaces, fire-fighters should wear an approved full face, self-contained breathing apparatus (SCBA) and impervious clothing.	
SECTION 6: ACCIDENTAL RELEASE MEASURES		
PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus.	
ENVIRONMENTAL PRECAUTIONS	Ensure spilled product and water rinses do not enter drains, sewers, waterways or confined spaces. For large spills, dike the area to prevent spreading.	
METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN-UP	Ventilate the area. Remove all sources of ignition. Stop the spill at source if it is safe to do so. Contain and absorb spilled liquid using only non-combustible, inert absorbent material (sand). Pick up and transfer to properly labelled containers. Residual material may be removed with soap and hot water. Refer to Section 13 for disposal of contaminated material.	
SPECIAL SPILL RESPONSE PROCEDURES ...	If a spill/ release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response centre in the United States (phone: 1-800-424-8802) US CERCLA Reportable quantity (RQ): N/Av	
SECTION 7: HANDLING AND STORAGE		
PRECAUTIONS FOR SAFE HANDLING	Obtain special instruction before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Persons with recurring skin eczema or sensitization problems should be excluded from working with this product. Once a person is sensitized, no further exposure to the material that caused the sensitization should be permitted. Wear protective gloves/ clothing and eye/ face protection. Contaminated work clothing must not be allowed out of the workplace. Do not breath dust or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Wash thoroughly after handling.	
CONDITIONS FOR SAFE STORAGE	Store under normal warehouse conditions. Store away from incompatibles. Inspect periodically for damage/ leaks. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. No smoking in the area.	
SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION		
EXPOSURE LIMITS:	<div>ACGIH TLVOSHA PEL</div> <div>TWASTELPELSTEL</div>	
AROMATIC HYDROCARBON	N/AvN/Av500 ppm (2000 mg/ m³)N/Av	
2,2' DIAMINODIETHYLAMINE	1 ppm (4 mg/ m³)N/AvN/Av	
	as TLV(8-hour workday)	
APPROPRIATE ENGINEERING CONTROLS	Use only in well ventilated areas. Where necessary use local exhaust ventilation.	
PERSONAL PROTECTIVE EQUIPMENT		
SKIN PROTECTION	Wear suitable full-length PVC or neoprene gloves. Wear adequate protective clothes. Wear long sleeves and trousers to prevent dermal exposure. Wear safety boots as per local jobsite regulation.	
EYE/ FACE PROTECTION	Wear eye/ face protection. Wear as appropriate: Safety glasses with side shields or tightly fitting safety goggles.	
RESPIRATORY PROTECTION	If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators.	
OTHER PROTECTIVE EQUIPMENT	An eyewash station and safety shower should be made available in the immediate working area, depending on workplace standards.	

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GENERAL HYGIENE CONSIDERATIONS	Do not eat, drink, smoke or use cosmetics while working with this product. Do not breath vapours or mist. Avoid contact with eyes, skin and clothing. Wash hands before eating, drinking, smoking or use of toilet facilities.	
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES		
PHYSICAL STATE/ APPEARANCE	Clear amber mobile liquid	
ODOUR	Characteristic amine odour	
ODOUR THRESHOLD	Not available	
pH LEVEL	Not available	
BOILING POINT	Not available	
FLASH POINT	Not available	
EVAPORATION RATE	Not available	
FLAMMABILITY	Not applicable	
VAPOUR PRESSURE	Not available	
VAPOUR DENSITY (Air=1) (mg/m3)	>1	
SPECIFIC GRAVITY @ 20°C (68°F)	0.98	
VISCOSITY	120 cPs @ 20°C (68°F)	
VOLATILES (% by WEIGHT)	<1.0 @20°C (68°F)	
VOC's (Volatile Organic Compounds)	10 grams/L	
SOLUBILITY IN WATER (%W/W)	Partial (10-12%)	
SECTION 10: STABILITY AND REACTIVITY		
REACTIVITY	Not normally reactive.	
CHEMICAL STABILITY	Stable under the recommended storage and handling conditions prescribed.	
HAZARDOUS REACTIONS	Hazardous polymerization does not occur.	
CONDITIONS TO AVOID	Avoid heat and open flame. Avoid contact with incompatible materials.	
INCOMPATIBLE MATERIALS	Contact with mineral acids (such as sulphuric, phosphoric etc.), alkalis, organic acids (i.e.: acetic acid, citric acid etc.), reducing agents, reactive metals (i.e.: sodium, calcium, zinc etc.), sodium or calcium hypochlorite, materials reactive with hydroxyl compounds amines, nitrites, nitrosating agents such as perchlorates or nitrates.	
HAZARDOUS DECOMPOSITION PRODUCTS	None under normal storage temperatures.	
SECTION 11: TOXICOLOGICAL INFORMATION		
LIKELY ROUTES OF EXPOSURE	Skin and eye contact, skin absorption, inhalation, ingestion.	
SIGNS AND SYMPTOMS OF EXPOSURE		
SKIN CONTACT	This material is classified as hazardous under U.S. OSHA regulations (29 CFR1910.1200) (Hazcom2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015) Classification: Skin corrosion- irritation Category 3	
EYE CONTACT	This material is classified as hazardous under U.S. OSHA regulations (29 CFR1910.1200) (Hazcom2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015) Classification: Serious eye damage- irritation, Category 3	
SENSITIZATION TO MATERIAL	This material is classified as hazardous under U.S. OSHA regulations (29 CFR1910.1200) (Hazcom2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015) Classification: Skin sensitization- Category 1A- May cause allergic skin reaction.	
SPECIFIC TARGET ORGAN EFFECTS	This material is classified as hazardous under U.S. OSHA regulations (29 CFR1910.1200) (Hazcom2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015) Classification: Specific target organ toxicity, single exposure- Category 3 May cause respiratory irritation.	
MUTAGENICITY	Not expected to be mutagenic in humans.	
CARCINOGENICITY	No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP	
REPRODUCTIVE EFFECTS	Not available information on the product itself.	

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MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE Pre-existing skin, eye disorders. TOXICOLOGICAL DATA There is no data available for this product. INGREDIENTS LD50/ LC50 DATA Refer to Section 3.		
SECTION 12: ECOLOGICAL INFORMATION		
ECOTOXICITY Toxic to aquatic life with long lasting effects. Do NOT allow product to come in contact with surface waters. Avoid release into environment. PERSISTENCE AND DEGRADABILITY No data is available on the product itself. BIOACCUMULATION POTENTIAL No data is available on the product itself. MOBILITY IN SOIL No data is available on the product itself.		
SECTION 13: DISPOSAL CONSIDERATIONS		
HANDLING FOR DISPOSAL Handle in accordance with good industrial hygiene and safety practice. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Refer to protective measures listed in Sections 7 and 8. METHODS OF DISPOSAL Dispose in accordance with all applicable federal, state, provincial and local regulations.		
SECTION 14: TRANSPORTATION INFORMATION		
TDG CLASSIFICATION Amines, Liquid, Corrosive N.O.S. (2,2'-Diaminodiethylamine) UN2735, Class 8, PG II		
SECTION 15: REGULATORY INFORMATION		
WHMIS CLASSIFICATION Class E, Corrosive Class D, Division 2, Subdivision A&B CPR (CANADA) COMPLIANCE Meets all requirements.		
SECTION 16: OTHER INFORMATION		
ACGIH American Confederation of Governmental Industrial Hygienists IARC International Agency for Research on Cancer NTP National Toxicology Program STEL Short Term Exposure Limit PEL Permissible Exposure Limit TLV-TWA Threshold Limit Value - Time-Weighted Average OSHA Occupational Safety and Health Administration NIOSH National Institute for Occupational Safety and Health MSHA Mine Safety and Health Administration RCRA Resource Conservation and Recovery Act CPR Controlled Products Regulations CERCLA Comprehensive Environmental Response, Compensation and Liability Act CAS Chemical Abstracts Service PPE Personal Protection Equipment N/A Not available		
PREPARED BY: Camelia Gardo TELEPHONE NUMBER: (905) 669-5013 PREPARATION DATE: October 8 th , 2017		
The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.		