

**SAFETY DATA SHEET**

**SECTION 1: IDENTIFICATION**

**PRODUCT NAME: CPD EPOXCRETE LT GEL**

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: ..... Anchoring/Bonding Epoxy Gel for structural anchoring and repairs.

PRODUCT DESCRIPTION: ..... Two Component 100% Solids Thermosetting Epoxy Gel (Low Temperature Cure).

**SECTION 2: HAZARDS IDENTIFICATION**

**GHS CLASSIFICATION:**

Part "A" ..... Skin irritation- Category 2; Serious eye irritation- Category 2A; Skin sensitization- Category 1

Part "B" ..... Acute Toxicity- Category 4; Skin corrosion/ irritation- Category 1B; Serious eye damage/ irritation- Category 1; Skin sensitization- Category 1A; Reproduction Toxicity- Category 2; Specific target organ toxicity, single exposure- Category 3 (Respiratory irritation)



SIGNAL WORD: .....

**DANGER**

HAZARD STATEMENTS: .....

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.  
H361 Suspected of damaging fertility or the unborn child.

**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 breath 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 INHALLED: 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.

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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**Revised October 8<sup>th</sup>, 2017**

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**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

| Hazardous Ingredients      | %      | C.A.S. #   | LD/50, Route, Species                                 | LC/50, Route, Species          |
|----------------------------|--------|------------|-------------------------------------------------------|--------------------------------|
| 4,4-Isopropylidenediphenol | 60-100 | 25068-38-6 | 11400 mg/ Kg (Oral-Rat)                               | Not Available                  |
| Alkyl Glycidyl Ether       | 5-10   | 2461-15-67 | 800 mg/ Kg (Oral-Rat)                                 | Not Available                  |
| Triethylenetetramine       | 7-13   | 112-24-3   | 4340 mg/ Kg (Oral-Rat)<br>805 mg /Kg (Dermal-Rabbit)  | Not Available                  |
| Bisphenol A                | 7-13   | 80-05-7    | 3300 mg/ Kg (Oral-Rat)<br>3600 mg/ Kg (Dermal-Rabbit) | > 0.255 mg/L (dust), Inh., Rat |
| Nonyl Phenol               | 7-13   | 25154-52-3 | 1620 mg/ Kg (Oral-Rat)<br>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.                                                                                                                                                                                                                                                                         |
| <b>SYMPTOMS AND EFFECTS, ACUTE OR DELAYED</b>                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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 vapors 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.                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED .....</b> | Treat symptomatically.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

**SECTION 5: FIRE-FIGHTING MEASURES**

|                                                             |                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SUITABLE EXTINGUISHING MEDIA .....                          | Carbon dioxide (CO <sub>2</sub> ), 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.                                                                                                                                                                                                                               |
| 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 for enclosed spaces, fire fighters should wear an approved full face, self-contained breathing apparatus (SCBA) and impervious clothing. |

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**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 appropriate authorities.                                                                                                                                                                                                                                     |

**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:                      | <u>ACGIH TLV</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | <u>OSHA PEL</u> |             |
|                                       | <u>TWA</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <u>STEL</u> | <u>PEL</u>      | <u>STEL</u> |
| TRIETHYLENETETRAMINE .....            | 1 ppm (skin)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N/Av        | N/Av            | N/Av        |
|                                       | (AIHA WEEL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |                 |             |
| 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 working area vicinity. Other equipment may be required depending on workplace standards.                                                                                                                                                                                                                                                                                                                                          |             |                 |             |
| GENERAL HYGIENE CONSIDERATIONS ....   | Do not eat, drink, smoke or use cosmetics while working with this product. Do not breath dust or mist. Avoid contact with eyes, skin and clothing. Barrier creams may help to protect the exposed areas of skin; they should however not be applied once exposure has occurred. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use. Contaminated clothing must not be allowed out of the workplace. |             |                 |             |

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

|                                                   |                                                                      |
|---------------------------------------------------|----------------------------------------------------------------------|
| APPEARANCE .....                                  | Semi-liquid (Gel); Part A, White opaque / Part B, Black Opaque (Gel) |
| ODOUR .....                                       | Part A, Mild Hydrocarbon odour / Part B, Amine odour                 |
| ODOUR THRESHOLD .....                             | Not available                                                        |
| pH LEVEL .....                                    | Not available                                                        |
| MELTING/ FREEZING POINT .....                     | Not available                                                        |
| FLASH POINT .....                                 | Not available                                                        |
| BOILING POINT .....                               | Not available                                                        |
| EVAPORATION RATE .....                            | Not available                                                        |
| FLAMMABILITY .....                                | Not applicable                                                       |
| VAPOUR PRESSURE .....                             | Not available                                                        |
| VAPOUR DENSITY (Air=1) (mg/m <sup>3</sup> ) ..... | Not available                                                        |
| SPECIFIC GRAVITY @ 20°C (68°F) .....              | Part A, 1.10 / Part B, 1.01                                          |
| VISCOSITY .....                                   | Thixotropic gel                                                      |
| VOLATILES (% by WEIGHT) .....                     | Not available                                                        |
| VOC's (Volatile Organic Compounds) .....          | Not available                                                        |
| SOLUBILITY IN WATER (%W/W) .....                  | Insoluble                                                            |

**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 .....     | Mineral acids (such as sulphuric, phosphoric), organic acids (acetic acid, citric acid), alkalis, reducing agents, reactive metals (sodium, calcium, zinc), sodium or calcium hypochlorite, materials reactive with hydroxyl compounds amines, nitrites, nitrosating agents. |
| 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) and Canadian WHMIS regulations (Hazardous Products Regulations) (Hazcom 2012) (WHMIS 2015) Classification: Skin corrosion-irritation, Category 1B                                                        |
| 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 1                                                      |
| SENSITIZATION TO MATERIAL .....                     | This material is classified as hazardous under U.S. OSHA regulations (29 CFR1910.1200) (Hazcom 2012) 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) (Hazcom 2012) 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 .....                          | 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: Reproductive Toxicity-Category 2 Suspected of damaging fertility or the unborn child.          |
| MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE ..... | Pre-existing skin, eye disorders.                                                                                                                                                                                                                                                               |

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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.  
 PERSISTANCE 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 ..... Part A, Not Regulated  
 Part B, Corrosive Liquid N.O.S. (Triethylenetetramine) UN1760, Class 8, PG II

**SECTION 15: REGULATORY INFORMATION**

WHMIS CLASSIFICATION ..... Part A: Class D, Division 2, Subdivision B  
 Part B: Class E, Corrosive; Class D, Division 2, Subdivision 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  
 RCRA ..... Resource Conservation and Recovery Act  
 CPR ..... Controlled Products Regulations  
 CAS ..... Chemical Abstracts Service  
 PPE ..... Personal Protective Equipment  
 N/Av ..... Not available

PREPARED BY: ..... Camelia Gardo  
 TELEPHONE NUMBER: ..... (905) 669-5013  
 PREPARATION DATE: ..... October 8<sup>th</sup>, 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.