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Revised July 9th, 2026

SAFETY DATA SHEET

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SECTION 1: IDENTIFICATION

PRODUCT NAME: CIPADITE® E-600 GROUT LE 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: 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 catalyst only. Cipadite® E-600 Grout LE is a three-component product. There are 3 SDS's for this product.

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Acute Toxicity, dermal- 4; Skin corrosion/ irritation- 1B; Serious eye damage/ eye irritation- 1; Skin sensitization- 1A; Specific target organ toxicity, single exposure- 3 (Respiratory irritation)



SIGNAL WORD: **DANGER**

HAZARD STATEMENTS: H312 Harmful in contact with skin
H314 Causes severe skin burns and eye damage
H317 May cause allergic skin reaction
H335 May cause respiratory irritation

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 dust 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+P311 If exposed or concerned: Call a POISON CENTER or doctor /physician.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention
P304+P340 IF INHALLED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+ P330+P331+315 IF SWALLOWED: Rinse mouth. Do not induce vomiting. Get immediate medical advice/ attention

OTHER HAZARDS Ingestion can cause gastrointestinal irritation, nausea and diarrhea. Prolonged inhalation may cause adverse lung effects with symptoms including coughing, mucous production and difficulty breathing.

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SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS					
Hazardous Ingredients	%	C.A.S. #	LD/50, Route, Species	LC/50, Route, Species	
Tall Oil Fatty Acids, reaction product with Tetraethylene Pentamine	20-25	68953-36-6	2919-4464 mg/ Kg (Oral, Rat) >2000 mg /Kg (Dermal, Rabbit)	No Data	
Tetraethylene Pentamine	5-10	112-57-2	3250 mg/ Kg (Oral, Rat) 660-1269 mg/ Kg (Dermal, Rabbit)	No Data	
Carbomonocyclic alkylated mixtures of poly-aza-alkanes, hydrogenated	30-35	1173092-74-4	No Data	No Data	
Cyclohexanone	1-3	108-94-1	1340 mg/ Kg (Oral, Rat) 940 mg/ Kg (Dermal, Rabbit)	2639 ppm (10.6 mg/L) (vapour) Inh. Rat	
SECTION 4 : FIRST-AID MEASURES					
FIRST-AID MEASURES					
EYE CONTACT	Immediately call a POISON CENTRE or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.				
SKIN CONTACT.....	Immediately call a POISON CENTRE or doctor/physician. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.				
INHALATION	Immediately call a POISON CENTRE or doctor/ physician. IF INHALLED: remove person to fresh air and keep comfortable for breathing. If breathing has stopped give artificial respiration. If breathing is difficult give oxygen by qualified medical personnel only.				
INGESTION	Immediately call a POISON CENTRE or doctor/ physician. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.				
SYMPTOMS AND EFFECTS, ACUTE OR DELAYED					
EYE CONTACT	Causes severe eye damage.				
SKIN CONTACT	Harmful in contact with skin. May be absorbed through the skin. Corrosive to all tissues. Causes severe skin burns. Direct skin contact may cause corrosive skin burns, deep ulcerations and possibly permanent scarring. May cause an allergic skin reaction (e.g. swelling, rash and eczema) Allergic symptoms may develop within 12 hours after exposure.				
INHALATION	Harmful if inhaled. May cause respiratory irritation. If mists are formed, may cause severe irritation to the nose, throat and respiratory tract. Symptoms may include coughing, chest pain and shortness of breath.				
INGESTION	Ingestion can cause irritation and corrosive action in the mouth, stomach and digestive tract. Symptoms include: Gastrointestinal discomfort, nausea, vomiting, cramping and diarrhea.				
NOTE TO THE PHYSICIAN	In the event of accidental exposure immediate medical attention is required. 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.				
HAZARDOUS COMBUSTION PRODUCTS	Carbon oxides. Nitrogen oxides, Hydrogen cyanide, Ammonia, Amines, Aldehydes, Ketones and other irritating fumes and smoke.				

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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.
SPECIAL FIRE FIGHTING PROCEDURES.....	Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Do not allow run-off from the firefighting to enter drains or water courses. Dike for water control.

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. Refer to Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION, for additional information on acceptable personal protective equipment.
ENVIRONMENTAL PRECAUTIONS	Ensure spilled product does 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 with non-combustible, inert absorbent material (e.g. sand). Pick up and transfer to properly labelled containers. Refer to Section 13 for disposal of contaminated material. Contact the proper local authorities.
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) or the appropriate local 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. Keep containers tightly closed when not in use. Keep away from extreme heat and flame. Take precautions to prevent premature mixing of components and subsequent premature curing.
CONDITIONS FOR SAFE STORAGE	Store locked up. Keep containers tightly closed. Store in a well-ventilated place. Store away from incompatible materials. Inspect periodically for damage or 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>
TETRAETHYLENEPENTAMINE	5 mg/ m ³ (skin) (AIHA WEEL)	N/Av	N/Av	N/Av
CYCLOHEXANONE	20 ppm (skin)	N/Av	50 ppm (200 mg/ m ³)	N/Av

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EXPOSURE CONTROLS:

VENTILATION/ ENGINEERING MEASURES:

RESPIRATORY PROTECTION

SKIN PROTECTION

EYE/ FACE PROTECTION

OTHER PROTECTIVE EQUIPMENT

GENERAL HYGIENE CONSIDERATIONS

Use only in well ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29CFR 1910.134) or CSA Z94.4-02. NIOSH approved organic vapour cartridge respirators are recommended. Advice should be sought from respiratory protection specialists.

Wear protective gloves/ clothing. Gloves impervious to the material are recommended. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Wear eye/ face protection. Chemical splash goggles are recommended. A full face shield may also be necessary.

An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear amber liquid
ODOUR	Amine Odour
ODOUR THRESHOLD	Not available
pH LEVEL	Not available
MELTING/ FREEZING POINT	Not available
BOILING POINT	250°C (482°F)
FLASH POINT	Not available
EVAPORATION RATE	Not available
FLAMMABILITY	Not applicable
VAPOUR PRESSURE	Less than 1 mmHg @ 20°C (68°F)
RELATIVE VAPOUR DENSITY (Air=1) (mg/m3)	5.04
SPECIFIC GRAVITY @ 20°C (68°F)	0.970
VISCOSITY	400 cps @ 20°C (68°F)
KINEMATIC VISCOSITY	No data available
VOLATILES (% by WEIGHT)	Not available
VOC's (Volatile Organic Compounds)	0 grams/L
SOLUBILITY IN WATER (%W/W)	Partially soluble
PARTICLE CHARACTERISTICS	No data available

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. Ensure adequate ventilation, especially in confined areas.
INCOMPATIBLE MATERIALS	Acids. Oxidizing agents. Acid chlorides. Acid anhydrides. Aldehydes. Ketones. Acrylates.
HAZARDOUS DECOMPOSITION PRODUCTS	Refer to hazardous combustion products, Section 5.

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SECTION 11: TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE	Inhalation, skin and eye contact, ingestion, skin absorption.
SIGNS AND SYMPTOMS OF EXPOSURE	
INHALATION	May cause respiratory irritation. If mists are formed, may cause severe irritation to the nose, throat and respiratory tract. Symptoms may include coughing, chest pain and shortness of breath.
INGESTION	Ingestion can cause irritation and corrosive action in the mouth, stomach and digestive tract. Symptoms include: Gastrointestinal discomfort, nausea, vomiting, cramping and diarrhea.
SKIN CONTACT	Harmful in contact with skin. May be absorbed through the skin. Corrosive to all tissues. Causes severe skin burns. Direct skin contact may cause corrosive skin burns, deep ulcerations and possibly permanent scarring.
EYE CONTACT	Corrosive to eyes. Causes serious eye damage. Direct eye contact may produce severe irritation with possible eye damage.
CHRONIC HEALTH EFFECTS	Prolonged inhalation may cause adverse lung effects with symptoms including coughing, mucous production and difficulty breathing.
MUTAGENICITY	Not expected to be mutagenic in humans.
CARCINOGENICITY	No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP
REPRODUCTIVE EFFECTS	There is no data available for this product.
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.
	Not expected to be a respiratory sensitizer.
SPECIFIC TARGET ORGAN EFFECTS	Eyes, skin, respiratory system and digestive system.
	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.
	Not classified as specific target organ toxicity- repeated exposure.
MEDICAL CONDITIONS AGGRAVATED	
BY OVEREXPOSURE	Pre-existing skin, eye, and respiratory disorders.
SYNERGISTIC MATERIALS	Not available.
TOXICOLOGICAL DATA	There is no data available for this product.
INGREDIENTS LD50/ LC50 DATA	Refer to Section 3.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY	Not expected to be harmful to aquatic organisms. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. Avoid release to the 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 federal, state, provincial and local regulations.
RCRA	If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method.

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SECTION 14: TRANSPORTATION INFORMATION

IN ACCORDANCE WITH ALL TDG;
49CFR/DOT; ICAO/ IATA; IMDG CRITERIA:

Polyamines, Liquid, Corrosive, N.O.S. (Polyamidoamine, Aliphatic amine, Tetraethylene Pentamine) UN2735, Class 8, PG III



SPECIAL PRECAUTIONS FOR USERS
ENVIRONMENTAL HAZARDS

Appropriate advice on safety must accompany the package
This product does not meet the criteria for an environmental hazardous mixture, according to the IMDG Code. Refer to Section 12.

TRANSPORT IN BULK ACCORDING TO
ANNEX II OF MARPOL 73/78 AND THE
IBC CODE

This information is not available.

SECTION 15: REGULATORY INFORMATION

TSCA INFORMATION

All ingredients listed in the composition of this product are either listed on the TSCA inventory or are in compliance with a TSCA inventory exemption.

CEPA INFORMATION

All ingredients listed appear on the Domestic Substances List (DSL)

WHMIS CLASSIFICATION

Class D, Division 2, Subdivision B

CPR (CANADA) COMPLIANCE

Class E, Corrosive

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

CEPA

Canadian Environmental Protection Act

CERCLA

Comprehensive Environmental Response, Compensation and Liability Act

CAS

Chemical Abstracts Service

PPE

Personal Protection Equipment

TSCA

Toxic Substances Control Act

N/Av

Not available

PREPARED BY:

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PREPARATION DATE:

July 9th, 2026

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