

**SDS-110**  
**Revised May 14<sup>th</sup>, 2019**

**SAFETY DATA SHEET**

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**SECTION 1: IDENTIFICATION**

**PRODUCT NAME: CIPADITE® E-700 GROUT HI FLOW PART "A"**

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 base resin only. CIPADITE® E-700 Grout HI FLOW is a three-component product. There are 3 SDS's for this product.

**SECTION 2: HAZARDS IDENTIFICATION**

GHS CLASSIFICATION: ..... Skin irritation 2; Serious eye irritation 2A; Skin sensitization 1



SIGNAL WORD: ..... **WARNING**

HAZARD STATEMENTS: ..... H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H320 Causes eye irritation

PRECAUTIONARY STATEMENTS:  
PREVENTION ..... P280 Wear protective gloves, protective clothing and eye protection  
P272 Contaminated work clothing should not be allowed out of the workplace  
P264 Wash thoroughly after handling

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  
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: ..... Not available.

UNKNOWN ACUTE TOXICITY: ..... Not available.

**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)	No Data
2-Ethyl Hexyl Glycidyl Ether	10-15	2461-15-6	7800 mg/ Kg (Rat-Oral)	No Data

**SECTION 4 : FIRST-AID MEASURES**

**FIRST-AID MEASURES**

EYE CONTACT ..... Rinse thoroughly with plenty of water, also under the eyelids. If exposed or concerned Get medical attention/ advice.

SKIN CONTACT..... IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse.

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INHALATION .....	Move to fresh air. If Breathing is difficult, give oxygen by qualified medical personnel only. If breathing stops, provide artificial respiration. If exposed or concerned: Get medical attention/ advice.
INGESTION .....	DO NOT induce vomiting. Never give anything by mouth to a person who is unconscious or is having convulsions. If exposed or concerned: Get medical advice/ attention.
SYMPTOMS AND EFFECTS, ACUTE OR DELAYED .....	May cause severe skin sensitization with allergic contact dermatitis symptoms such as swelling, rash and eczema. May be mildly irritating to skin, eyes and respiratory system. Exposure may cause temporary irritation, redness or discomfort. Symptoms may include upper respiratory irritation, coughing and breathing difficulties. Ingestion may cause gastrointestinal irritation, nausea, vomiting 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 <sub>2</sub> ), dry chemical or alcohol resistant foam; water, fog
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 .....	The pressure in sealed containers can increase under the influence of heat.
FLAMMABILITY CLASSIFICATION .....	Not flammable, according to OSHA 29 CFR 1910.106.
HAZARDOUS COMBUSTION PRODUCTS ...	Carbon oxides; Acids; Phenols; Aldehydes; other unidentified compounds.
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. Cool closed containers exposed to fire with water spray. 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, EMERGENCY PROCEDURES ...	Keep people away from and upwind of spill/ leak. Restrict access to area until completion of clean-up. Wear appropriate protective equipment. Refer to the protective measures listed in Sections 7 and 8.
ENVIRONMENTAL PRECAUTIONS .....	Prevent product from entering drains, sewers, waterways and soil.
METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN-UP .....	Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. For spilled liquids absorb with inert, non-combustible material such as sand, then place into suitable containers. Pick up and transfer to properly labelled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities. 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, notify the national response centre in the United States (phone: 1-800-424-8802). US CERCLA Reportable quantity (RQ): None known.

**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. Persons with recurrent 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. Provide adequate ventilation. Wear suitable protective equipment during handling. Wear protective gloves/ clothing and eye/ face protection. Avoid breathing vapours. Avoid contact with skin, eyes and
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**CONDITIONS FOR SAFE STORAGE .....**

clothing. Keep away from extreme heat and flame. Keep away from incompatibles. Keep containers closed when not in use. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Store in cool/ well ventilated place. Store locked up. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorised personnel. Inspect periodically for damage or leaks.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE LIMITS .....**

Contains no substances with occupational exposure limit values.

**EXPOSURE CONTROLS:**

**VENTILATION/ ENGINEERING MEASURES:**

Provide adequate ventilation. 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. In case of insufficient ventilation, wear suitable respiratory equipment.

**RESPIRATORY PROTECTION .....**

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.

**SKIN PROTECTION .....**

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.

**EYE/ FACE PROTECTION .....**

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

**OTHER PROTECTIVE EQUIPMENT .....**

An eyewash station and safety shower should be made available in the immediate working area. 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.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE .....**

Clear, slightly yellow mobile liquid

**ODOUR .....**

Mild Hydrocarbon

**ODOUR THRESHOLD .....**

Not available

**pH LEVEL .....**

Not available

**MELTING/ FREEZING POINT .....**

Not available

**BOILING POINT .....**

Not available

**FLASH POINT (deg C), METHOD.....**

>93°C (199.4°F) T.C.C.

**EVAPORATION RATE .....**

Not available

**FLAMMABILITY .....**

Not applicable

**VAPOUR PRESSURE .....**

More than 4 mmHg @ 20°C (68°F)

**VAPOUR DENSITY (Air=1) (mg/m3) .....**

Not available

**SPECIFIC GRAVITY @ 20°C (68°F) .....**

1.125 grams/mL

**VISCOSITY .....**

1300-1500 cps @ 20°C (68°F)

**VOLATILES (% by WEIGHT) .....**

Not available

**VOC's (Volatile Organic Compounds) .....**

0 grams/L

**SOLUBILITY IN WATER (%W/W) .....**

Negligible.

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**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 direct sources of heat. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials.
INCOMPATIBLE MATERIALS .....	Strong Oxidizing Agents Strong Acids. Strong Bases.
HAZARDOUS DECOMPOSITION PRODUCTS	Refer to hazardous combustion products, Section 5.

**SECTION 11: TOXICOLOGICAL INFORMATION**

LIKELY ROUTES OF EXPOSURE .....	Inhalation, skin and eye contact, ingestion, skin absorption.
SIGNS AND SYMPTOMS OF EXPOSURE	
INHALATION .....	Mild respiratory irritant. May cause coughing and breathing difficulties.
INGESTION .....	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
SKIN CONTACT .....	May cause mild skin irritation. Direct skin contact may cause temporary redness.
EYE CONTACT .....	Direct eye contact may cause slight or mild transient irritation. Exposure may cause temporary irritation, redness and discomfort.
CHRONIC HEALTH EFFECTS .....	None known.
MUTAGENICITY .....	Not expected to be mutagenic.
CARCINOGENICITY .....	No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP
REPRODUCTIVE EFFECTS .....	Not classified based on available information.
SENSITIZATION TO MATERIAL .....	Skin sensitization: May cause an allergic skin reaction. Respiratory sensitization: Not classified based on available information.
SPECIFIC TARGET ORGAN EFFECTS .....	This material is not classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015)
MEDICAL CONDITIONS AGGRAVATED	
BY OVEREXPOSURE .....	Pre-existing skin, eye, and respiratory disorders.
SYNERGISTIC MATERIALS .....	None known.
TOXICOLOGICAL DATA .....	There is no data available for this product.
INGREDIENTS LD50/ LC50 DATA .....	Refer to Section 3
OTHER TOXICOLOGICAL HAZARDS .....	None known.

**SECTION 12: ECOLOGICAL INFORMATION**

ECOTOXICITY .....	No data is available for the product itself. However, ingredients listed in the chemical composition are toxic to aquatic life with long lasting effects. Therefore, the product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.
PERSISTENCE AND DEGRADABILITY .....	The product itself has not been tested.
BIOACCUMULATION POTENTIAL .....	No data is available on the product itself.
MOBILITY IN SOIL .....	No data is available on the product itself.
OTHER ADVERSE ENVIRONMENTAL EFFECTS .....	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

**SECTION 13: DISPOSAL CONSIDERATIONS**

HANDLING FOR DISPOSAL .....	Handle in accordance with good industrial hygiene and safety practice. 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.
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. For disposal of unused or waste material, check with local, state and federal environmental agencies.

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**SECTION 14: TRANSPORTATION INFORMATION**

TDG CLASSIFICATION ..... Not regulated.

TRANSPORT IN BULK ACCORDING TO  
ANNEX II OF MARPOL 73/78 AND THE  
IBC CODE ..... Not applicable.

**SECTION 15: REGULATORY INFORMATION**

CEPA INFORMATION ..... All ingredients listed appear on the Domestic Substances List (DSL)  
WHMIS CLASSIFICATION ..... Class D2B Eye Irritant, Skin Sensitizer

**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
CEPA .....	Canadian Environmental Protection Act
CERCLA .....	Comprehensive Environmental Response, Compensation, and Liability Act
CAS .....	Chemical Abstracts Service
PPE .....	Personal Protection Equipment
N/A .....	Not available

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PREPARATION DATE: ..... March 20<sup>th</sup>, 2018

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.