

SDS-271
Revised October 20th, 2017

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

PRODUCT NAME: CIPADOR® E-100 PART "A" (COLOURED)

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: Roller applied epoxy floor coating.

PRODUCT DESCRIPTION: Two component epoxy coating.

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION Skin sensitization (Category 1); Reproductive toxicity (Category 1)



SIGNAL WORD **DANGER**

HAZARD STATEMENTS H317 May cause an allergic skin reaction.
 H360 May damage fertility or the unborn child.

PRECAUTIONARY STATEMENTS
 PREVENTION P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P261 Avoid breathing vapours.
 P272 Contaminated work clothing must not be allowed out of the workplace.
 P280 Wear protective gloves/ eye protection/face protection.

RESPONSE P308+P313 IF exposed or concerned: Get medical advice/ attention.
 P302+P352 IF ON SKIN: wash with plenty of soap and water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.

STORAGE P405 Store locked up.

OTHER HAZARDS: Toxic fumes may be released during a fire. May be mildly irritating to skin, eyes and respiratory system. May cause gastrointestinal irritation. Toxic to aquatic life with long lasting effects.

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
C12- C14 Alkyl Glycidyl Ether	5-15	68609-97-2	19200 mg/ Kg (Oral-Rat) >4500 mg/ Kg (Dermal-Rabbit)	No Data
Dibutyl Phthalate	1-5	84-74-2	8000 mg/ Kg (Oral-Rat)	4250mg/m ³ (Inhalation-Rat)
D-Limonene	0.5-1.5	5989-27-5	4400 mg/ Kg (Oral-Rat) >5000 mg/ Kg (Dermal-Rabbit)	No Data

SECTION 4 : FIRST-AID MEASURES

FIRST-AID MEASURES
 EYE CONTACT Flush eyes with lukewarm water for at least 15 minutes holding eye lids open.
 If irritation persists see a physician.

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SECTION 4 : FIRST-AID MEASURES

SKIN CONTACT.....	Wash with soap and water and remove contaminated clothing. Wash clothing separately prior to reuse. If irritation persists, get medical attention.
INHALATION	Remove victim to fresh air. Consult a physician after significant exposure.
INGESTION	If swallowed, DO NOT induce vomiting. Rinse mouth and call a physician or poison control centre immediately. Never give anything by mouth to an unconscious person. Obtain medical attention.
SYMPTOMS AND EFFECTS, ACUTE OR DELAYED	
EYE CONTACT	Mild irritation and discomfort, may cause excessive lachrymation or serious eye damage.
SKIN CONTACT.....	Irritation may occur. Prolonged or repeated contact may result in skin sensitization and dermatitis.
INHALATION	Prolonged inhalation may result in respiratory irritation, coughing.
INGESTION	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED	
	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Carbon dioxide (CO ₂), dry chemical, 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	
FLAMMABILITY CLASSIFICATION	The pressure in sealed containers can increase under the influence of heat. Not flammable, according to OSHA 29 CFR 1910.106.
HAZARDOUS COMBUSTION PRODUCTS	Carbon oxides. Acids, Phenols, Aldehydes, Other unidentified organic 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. 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	Keep people away from and upwind of spill/ leak. Restrict access to area until completion of clean-up. Wear appropriate protective equipment. Refer to protective measures listed in Section 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 hazard 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, immediately 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
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CONDITONS FOR SAFE STORAGE 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 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:	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
DIBUTYL PHTHALATE	5 mg/ m ³	N/Av	5 mg/ m ³	N/Av
D-LIMONENE	30 ppm (skin) (AIHA WEEL)	N/Av	N/Av	N/Av
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. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Wear resistant clothing and boots.			
EYE/ FACE PROTECTION	Wear eye/ face protection. Wear as appropriate: Safety glasses with side shields; Tightly fitting safety goggles.			
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	Avoid breathing dust, fume and vapours. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice. Contaminated clothing must not be allowed out of the workplace.			

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE/ APPEARANCE	Coloured pourable liquid
ODOUR	Mild Sweet Hydrocarbon
ODOUR THRESHOLD	Not available
pH LEVEL	Not available
MELTING/ FREEZING POINT	Not available
EVAPORATION RATE (N-BuAc=1)	Not applicable
VAPOUR PRESSURE	Not applicable
VISCOSITY	5000 cPs
VAPOUR DENSITY (AIR=1)	Not applicable
SPECIFIC GRAVITY @20°C (68°F)	1.35
BOILING POINT	Not applicable
SOLUBILITY IN WATER	Insoluble
% VOLATILE	A&B mix: 0 g/L

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SECTION 10: STABILITY AND REACTIVITY

REACTIVITY	Not normally reactive.
CHEMICAL STABILITY	Stable under normal conditions.
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 or discomfort.
CHRONIC HEALTH EFFECTS	None known.
MUTAGENICITY	Not expected to be mutagenic.
CARCINOGENICITY	Not classified 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 1, May damage fertility or the unborn child. Contains Dibutyl Phthalate
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	Not expected to be a respiratory sensitizer. Not classified as specific target organ toxicity-single exposure Not classified as specific target organ toxicity- repeated exposure.
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE	Pre-existing skin, eye, and respiratory 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. No data is available on the product itself. The product should not be allowed to enter drains or watercourses, or be deposited where it can affect ground or surface waters.
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. 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.

SECTION 15: REGULATORY INFORMATION

CEPA INFORMATION All ingredients listed appear on the Domestic Substances List (DSL).
 WHMIS CLASSIFICATION 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
 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/Av Not available

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 PREPARATION DATE: October 20th, 2017

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