

## Canusa-CPS Liquid Epoxy Type E - Base

### SECTION 1. IDENTIFICATION

**Product Identifier** Canusa-CPS Liquid Epoxy Type E - Base  
**Product Family** Epoxy  
**Recommended Use** Corrosion and mechanical protection.  
**Manufacturer** CANUSA-CPS, A DIVISION OF SHAWCOR LTD., 25 BETHRIDGE ROAD, TORONTO, ON, M9W 1M7, (416) 743-7111  
**Emergency Phone No.** Canusa, (613) 996-6666 (CANUTEC)

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Skin irritation - Category 2; Eye irritation - Category 2B

#### Label Elements



#### Warning

May cause irritation to eyes.

May cause irritation to skin.

May cause irritation to respiratory system.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wear protective gloves.

IF SWALLOWED: Immediately call a POISON CENTRE or doctor.

IF ON SKIN: Wash with plenty of water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

#### Other Hazards

Contains quartz (crystalline silica), which is classified as a carcinogen to humans. Contains small amounts of carbon black; carbon black is listed as a possible human carcinogen by IARC.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Silica, quartz	14808-60-7	30-60	
Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	10-40	
Propane, 1,3-bis(2,3-epoxypropoxy)-2,2-dimethyl-	17557-23-2	5-10	
Mica	12001-26-2	1-5	
Carbon black	1333-86-4	.1-1	
Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	.1-1	

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## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

#### Skin Contact

Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. Remove contaminated clothing. Get medical advice or attention if you feel unwell or are concerned.

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

#### Ingestion

Do not induce vomiting. Call Poison Centre or doctor.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Water spray; dry chemical; carbon dioxide.

### Specific Hazards Arising from the Product

Irritating vapours may be released during decomposition.

Toxic and irritating gases including; oxides of carbon, organic acids, carboxylic acids, aldehydes, alcohols, acrolein, phosphorous oxides, and sulfur oxides.

### Special Protective Equipment and Precautions for Fire-fighters

Use a self-contained breathing apparatus and full protective clothing. Do not use direct stream of water.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Remove all sources of ignition. Wear appropriate personal protective equipment.

### Environmental Precautions

Prevent run-off from entering drains or waterways.

### Methods and Materials for Containment and Cleaning Up

Soak up spills with inert absorbent material and place in a suitable closed container; dispose of in compliance with applicable legislation.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Wear appropriate PPE.

### Conditions for Safe Storage

Cool, dry environment. Separate from incompatible materials (see Section 10: Stability and Reactivity).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Mica	3 mg/m <sup>3</sup>		20 ppm			
Carbon black	3 mg/m <sup>3</sup> A3		Not established			

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### Appropriate Engineering Controls

General ventilation is usually adequate. Use local exhaust ventilation and enclosure, if necessary, to control amount in the air.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Chemical-resistant gloves.

#### Respiratory Protection

Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

**Appearance** Grey.

**Relative Density (water = 1)** 1.6

### Other Information

**Physical State** Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Avoid strong acids and oxidizers.

### Chemical Stability

Normally stable.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Propane, 1,3-bis(2,3-epoxypropoxy)-2,2-dimethyl-		4500 mg/kg (rat)	
Carbon black	6750 mg/m <sup>3</sup> (4-hour exposure)		

### Skin Corrosion/Irritation

May cause irritation.

### Serious Eye Damage/Irritation

May cause irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

May cause irritation.

#### Ingestion

Harmful if swallowed.

### Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Silica, quartz	Group 1	A2	Known carcinogen	Not Listed
Mica	Not Listed	Not Listed	Not Listed	Not Listed
Propane, 1,3-bis(2,	Not Listed	Not designated	Not Listed	Not Listed

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3-epoxypropoxy)-2, 2-dimethyl-				
Carbon black	Group 2B	A3	Not Listed	Not Listed
Siloxanes and Silicones, di-Me, reaction products with silica	Not Listed	Not designated	Not Listed	Not Listed

Silica is completely encapsulated in the product. Carbon black is completely encapsulated in the product.

## SECTION 12. ECOLOGICAL INFORMATION

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of in compliance with all federal, state, provincial, municipal and local legislation.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

The regulatory information provided is not intended to be comprehensive. Other local, state, provincial, federal international or country specific regulations may apply to this material.

## SECTION 16. OTHER INFORMATION

**SDS Prepared By** SHAWCOR LTD.

**Phone No.** (416) 743-7111

**Date of Preparation** May 05, 2011

**Date of Last Revision** April 14, 2016

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