

## Canusa-CPS CF-8/VF-3 Adhesives

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Canusa-CPS CF-8/VF-3 Adhesives
<b>Other Means of Identification</b>	CF-8 Adhesive, VF-3 Adhesive
<b>Product Family</b>	Adhesives
<b>Recommended Use</b>	This product is a specially designed sub-sea seismic cable filling compound. It combines high tack, low dielectric constant, excellent flexibility and resistance to flow at low to moderate temperatures.
<b>Manufacturer</b>	CANUSA-CPS, A DIVISION OF SHAWCOR LTD., 25 BETHRIDGE ROAD, TORONTO, ON, M9W 1M7, (416) 743-7111
<b>Emergency Phone No.</b>	Canusa, (613) 996-6666 (CANUTEC)

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Acute toxicity (Inhalation) - Category 5; Skin irritation - Category 3; Eye irritation - Category 2B

#### Label Elements

##### Warning

May be harmful if swallowed, in contact with skin or if inhaled.

Causes eye irritation.

Wash hands and skin thoroughly after handling.

IF INHALED: Call a POISON CENTRE or doctor if you feel unwell.

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 or attention.

If skin irritation persists: Get medical advice or attention.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Polybutenes, molecular weight greater than 2500	9003-29-6	30-60	
Hydrocarbons, C6-20, polymers, hydrogenated	69430-35-9	5-25	
Magnesium carbonate	546-93-0	1-10	
Hydrotreated, heavy naphthenic distillate	64742-52-5	1-10	
Talc, Containing No Asbestos or Crystalline Silica	14807-96-6	1-5	

### 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

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell or are

concerned.

#### **Eye Contact**

Quickly and gently blot or brush chemical off the face. 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**

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Small fires: Carbon dioxide or dry chemical powder. Large fires: Water spray or foam.

### **Specific Hazards Arising from the Product**

Can ignite if strongly heated. Irritating and harmful vapours may be released during decomposition.

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide; very toxic, flammable formaldehyde; toxic, flammable aldehydes; corrosive acids.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

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

Wear appropriate personal protective equipment.

### **Environmental Precautions**

It is good practice to prevent releases into the environment.

### **Methods and Materials for Containment and Cleaning Up**

Contain and soak up spill with absorbent that does not react with spilled product.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Do not get in eyes, on skin or on clothing. Wear personal protective equipment to avoid direct contact with this chemical.

### **Conditions for Safe Storage**

Cool, dry environment.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

<b>Chemical Name</b>	<b>ACGIH TLV®</b>		<b>OSHA PEL</b>		<b>AIHA WEEL</b>	
	<b>TWA</b>	<b>STEL</b>	<b>TWA</b>	<b>Ceiling</b>	<b>8-hr TWA</b>	<b>TWA</b>
Talc, Containing No Asbestos or Crystalline Silica	2 mg/m3 A4		2 mg/m3			
Magnesium carbonate	Not established		15 mg/m3			

### **Appropriate Engineering Controls**

General ventilation is usually adequate. Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

### **Individual Protection Measures**

#### **Eye/Face Protection**

Not required but it is good practice to wear safety glasses or chemical safety goggles.

#### **Skin Protection**

Chemical-resistant gloves.

Natural rubber, butyl rubber, neoprene rubber, nitrile rubber.

#### Respiratory Protection

Not normally required if product is used as directed. For non-routine or emergency situations: wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Relative Density (water = 1) 0.97

### Other Information

Physical State Solid

Other Physical Property 1 Softening Point: 90°C

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Normally stable.

### Conditions to Avoid

High temperatures.

### Incompatible Materials

Oxidizing agents (e.g. peroxides), strong oxidizing agents (e.g. perchloric acid).

### Hazardous Decomposition Products

Thermal decomposition in absence of air releases mainly saturated and unsaturated hydrocarbons. Some of the major volatile products expected to form are methane, propane, butene isomers, dimethylpropane isomers, and dimethylheptane isomers. Peroxides are formed upon air oxidation. Thermal decomposition in presence of air or decomposition of peroxides form compounds such as smaller polymers (lower oligomers), carbon monoxide as a major product; formic acid, acetone, and other oxygenated small organic molecules as minor products.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Magnesium carbonate		8000 mg/kg (rat)	
Hydrotreated, heavy naphthenic distillate		> 5000 mg/kg (rat)	> 2000 mg/kg (rabbit)

### Skin Corrosion/Irritation

Animal tests show very mild irritation. (Hydrotreated, heavy naphthenic distillate)

### Serious Eye Damage/Irritation

Animal tests show very mild irritation. (Hydrotreated, heavy naphthenic distillate)

### Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Polybutenes, molecular weight greater than 2500	Not Listed	Not designated	Not Listed	Not Listed
Hydrocarbons, C6-20, polymers, hydrogenated	Not Listed	Not designated	Not Listed	Not Listed
Talc, Containing No Asbestos or Crystalline Silica	Group 1	A1	Not Listed	Not Listed
Magnesium carbonate	Not Listed	Not designated	Not Listed	Not Listed
Hydrotreated, heavy naphthenic distillate	Group 3	A4	Known carcinogen	Not Listed

Product Identifier: Canusa-CPS CF-8/VF-3 Adhesives

Date of Preparation: October 03, 2011

Page 03 of 05

(Talc, Containing No Asbestos or Crystalline Silica) May cause damage to the lungs through prolonged or repeated exposure if inhaled. However, talc is bound in the product, and not available for inhalation. (Hydrotreated, heavy naphthenic distillate) NTP lists this ingredient as a known human carcinogen, but none of the other bodies considers it to be carcinogenic.

#### Key to Abbreviations

IARC = International Agency for Research on Cancer. Group 1 = Carcinogenic to humans. Group 2A = Probably carcinogenic to humans. Group 2B = Possibly carcinogenic to humans. Group 3 = Not classifiable as to its carcinogenicity to humans. Group 4 = Probably not carcinogenic to humans. ACGIH® = American Conference of Governmental Industrial Hygienists. A1 = Confirmed human carcinogen. A2 = Suspected human carcinogen. A3 = Animal carcinogen. A4 = Not classifiable as a human carcinogen. NTP = National Toxicology Program. Known carcinogen = Known human carcinogen. Reasonably anticipated = Reasonably anticipated human carcinogen. OSHA = US Occupational Safety and Health Administration.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Talc, Containing No Asbestos or Crystalline Silica	1000 mg/L (semi-static)			

## 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** October 03, 2011

**Date of Last Revision** November 09, 2016

**Disclaimer** This information is accurate and reliable to the best of our knowledge. It is furnished without warranty, expressed or implied. Canusa-CPS, a division of Shawcor Ltd., assumes no legal responsibility for the use of, or reliance upon, this data for hazards which might be associated with the use of these materials, or for results obtained. It is the responsibility of the user to comply with all applicable laws and regulations. This MSDS was created in compliance with applicable hazardous material regulations, and is not intended to be used for any other purpose.

Product Identifier: Canusa-CPS CF-8/VF-3 Adhesives

Date of Preparation: October 03, 2011

Page 04 of 05

---

Product Identifier: Canusa-CPS CF-8/VF-3 Adhesives

Date of Preparation: October 03, 2011

Page 05 of 05

---