

Canusa-CPS A-12, A-12H Adhesives

SECTION 1. IDENTIFICATION

Product Identifier	Canusa-CPS A-12, A-12H Adhesives
Product Family	Adhesives
Recommended Use	Pipeline sealant.
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 3

Other Hazards

Contains small amounts of carbon black; carbon black is listed as a possible human carcinogen by IARC; however it is primary bound in the matrix of the product leaving little available at the surface for contact with susceptible individuals.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Acetic acid, ethenyl ester, polymer with ethene, rubber	24937-78-8	40-60	
Hydrotreated, heavy naphthenic distillate	64742-52-5	1-10	
Talc, Containing No Asbestos or Crystalline Silica	14807-96-6	1-5	
Carbon black	1333-86-4	<0.5	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Not likely as product is a solid; fumes from decomposition may cause irritation; if overcome with fumes and symptoms develop; seek medical attention.

Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If burned by contact with molten material cool with water for at least 15 minutes and see a physician immediately; do not peel off from skin.

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

Get medical advice or attention if you feel unwell or are concerned.

SECTION 5. FIRE-FIGHTING MEASURES

Product Identifier: Canusa-CPS A-12, A-12H Adhesives

Date of Preparation: July 07, 2006

Page 01 of 05

Extinguishing Media

Suitable Extinguishing Media

Water spray; dry chemical; carbon dioxide; foam.

Specific Hazards Arising from the Product

Irritating and harmful vapours may be released during decomposition.

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides; corrosive sulfur oxides; very toxic, flammable hydrogen sulfide.

Special Protective Equipment and Precautions for Fire-fighters

Fight fire from a protected location; avoid high pressure, direct water stream that may spread molten or burning resins.

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

Let material cool, then collect material into a container for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

No special handling precautions are necessary.

Conditions for Safe Storage

Cool, dry environment.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Acetic acid, ethenyl ester, polymer with ethene, rubber	5 mg/m3		15 mg/m3			
Talc, Containing No Asbestos or Crystalline Silica	2 mg/m3 A4		2 mg/m3			
Carbon black	3 mg/m3 A3		Not established			

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

Safety glasses with side shields; face shield when working with molten material.

Skin Protection

Gloves required when handling hot material.

Respiratory Protection

Not normally required if product is used as directed. Respiratory protection is recommended where product is overheated in poorly ventilated areas.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Product Identifier: Canusa-CPS A-12, A-12H Adhesives

Date of Preparation: July 07, 2006

Page 02 of 05

Basic Physical and Chemical Properties

Appearance	Black.
Relative Density (water = 1)	> 1
Solubility	Insoluble in water
Auto-ignition Temperature	> 300 °C
Other Information	
Physical State	Solid

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not applicable.

Chemical Stability

Normally stable.

Conditions to Avoid

Open flames.

Incompatible Materials

Strong oxidizers, reducing agents, and bases.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Acetic acid, ethenyl ester, polymer with ethene, rubber		2500 mg/kg (rat)	
Hydrotreated, heavy naphthenic distillate		> 5000 mg/kg (rat)	> 2000 mg/kg (rabbit)
Carbon black	6750 mg/m ³ (4-hour exposure)		

Skin Corrosion/Irritation

May cause irritation.

Serious Eye Damage/Irritation

Mechanical irritation is possible. Possible mechanical injury. Vapours or fumes may cause irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Vapours or fumes may cause irritation.

Skin Absorption

No information was located.

Ingestion

No information was located.

Respiratory and/or Skin Sensitization

Prolonged contact may cause skin dermatitis.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Acetic acid, ethenyl ester, polymer with ethene, rubber	Not Listed	Not designated	Not Listed	Not Listed
Talc, Containing No Asbestos or Crystalline Silica	Group 1	A1	Not Listed	Not Listed

Product Identifier: Canusa-CPS A-12, A-12H Adhesives

Date of Preparation: July 07, 2006

Page 03 of 05

Hydrotreated, heavy naphthenic distillate	Group 3	A4	Known carcinogen	Not Listed
Carbon black	Group 2B	A3	Not Listed	Not Listed

Contains small amounts of carbon black; carbon black is listed as a possible human carcinogen by IARC; it is primary bound in the matrix of the product leaving little available at the surface for contact with susceptible individuals.

Key to Abbreviations

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. A5 = Not suspected as a human carcinogen.

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.

NTP = National Toxicology Program. Known carcinogen = Known human carcinogen. Reasonably anticipated = Reasonably anticipated human carcinogen.

OSHA = US Occupational Safety and Health Administration.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

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

NFPA Rating **Health - 1** **Flammability - 1** **Instability - 0**
Based on Hydrotreated, heavy naphthenic distillate

Product Identifier: Canusa-CPS A-12, A-12H Adhesives

Date of Preparation: July 07, 2006

SDS Prepared By SHAWCOR LTD.

Phone No. (416) 743-7111

Date of Preparation July 07, 2006

Date of Last Revision January 27, 2017

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 A-12, A-12H Adhesives

Date of Preparation: July 07, 2006

Page 05 of 05