

Canusa-CPS PP-1 Engineered Copolymer

SECTION 1. IDENTIFICATION

Product Identifier	Canusa-CPS PP-1 Engineered Copolymer
Product Family	Adhesives
Recommended Use	Adhesive.
Manufacturer/Supplier Identifier	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)
SDS No.	0033

SECTION 2. HAZARD IDENTIFICATION

Classification

Skin irritation - Category 3

Label Elements

Warning

May cause irritation to eyes, skin, and lungs.

Overheating may release harmful vapours.

If skin irritation occurs: Get medical advice or attention.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
1-Octene, ethene copolymer	26221-73-8	10-30	
Hydrocarbons, C6-20, polymers, hydrogenated	69430-35-9	10-30	
Polypropylene	9003-07-0	1-10	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

If exposed to fumes or gases during overheating, seek medical attention.

Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell. For contact with hot material; flush with water and do not attempt to remove material from skin.

Eye Contact

Flush with water for 15 minutes. Get medical attention.

Ingestion

Do not induce vomiting. Get medical advice or attention if you feel unwell or are concerned.

SECTION 5. FIRE-FIGHTING MEASURES

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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.

Special Protective Equipment and Precautions for Fire-fighters

Use self-contained breathing apparatus during firefighting. Fight fire from a protected location; avoid high pressure, direct water stream that may spread molten or burning resins. Fight fire from a protected location; avoid high pressure, direct water stream that may spread molten or burning resins.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Wear appropriate personal protective equipment.

Environmental Precautions

Prevent run-off from reaching storm or entering drains and waterways.

Methods and Materials for Containment and Cleaning Up

Shovel into clean, dry, labelled containers and cover. Allow to cool and harden before placing it in a closed container for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid heating above decomposition temperatures. Do not breathe fumes produced during overheating or burning.

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
1-Octene, ethene copolymer	10 mg/m3		10 mg/m3			
Polypropylene	10 mg/m3					

Appropriate Engineering Controls

General ventilation is usually adequate. Local ventilation when overheating is expected.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

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

Basic Physical and Chemical Properties

Appearance Green.

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Odour	Odourless
Melting Point/Freezing Point	130 - 160 °C (melting)
Initial Boiling Point/Range	> 200 °C
Flash Point	> 270 °C
Relative Density (water = 1)	1
Solubility	Insoluble in water
Decomposition Temperature	> 150 °C
Other Information	
Physical State	Solid
Other Physical Property 1	Pelletized hot-melt adhesive.

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability

Normally stable.

Conditions to Avoid

Excessive heat.

Incompatible Materials

Oxidizing agents (e.g. peroxides).

Hazardous Decomposition Products

Aldehydes. Oxides of carbon. Organic acids. Alcohols.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
1-Octene, ethene copolymer		5000 mg/kg (rat)	

Skin Corrosion/Irritation

May cause irritation.

Serious Eye Damage/Irritation

Mechanical irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause irritation.

Ingestion

May cause irritation of the digestive tract.

Respiratory and/or Skin Sensitization

Prolonged inhalation may cause headache, dizziness and nausea.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
1-Octene, ethene copolymer	Not Listed	Not Listed	Not Listed	Not Listed
Hydrocarbons, C6-20, polymers, hydrogenated	Not Listed	Not designated	Not Listed	Not Listed
Polypropylene	Group 3	Not designated	Not Listed	Not Listed

Not known to cause cancer.

Key to Abbreviations

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IARC = International Agency for Research on Cancer. Group 3 = Not classifiable as to its carcinogenicity to humans.

Reproductive Toxicity

Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

Germ Cell Mutagenicity

Not known to be a mutagen.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No information was located.

Persistence and Degradability

No information was located.

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. This product has been classified in accordance with the hazard criteria of the controlled products regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16. OTHER INFORMATION

SDS Prepared By SHAWCOR LTD.

Phone No. (416) 743-7111

Date of Preparation February 01, 2017

Date of Last Revision February 01, 2017

Key to Abbreviations HSDB® = Hazardous Substances Data Bank
ACGIH® = American Conference of Governmental Industrial Hygienists
NIOSH = National Institute for Occupational Safety and Health
OSHA = US Occupational Safety and Health Administration

References CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).
HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

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