Canusa-CPS DDX

SECTION 1. IDENTIFICATION

Product Identifier Canusa-CPS DDX

Product Family Heat shrink sleeve

Recommended Use Corrosion protection and sealant.

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. 0086

SECTION 2. HAZARD IDENTIFICATION

Classification

Not classified under any hazard class.

Label Elements

Not applicable

Other Hazards

Harmful vapours may be released during overheating. Vinyl acetate is listed by IARC as a potential human carcinogen. Carbon black is classified as a possible human carcinogen; when encapsulated, risk of exposure is reduced and should not a present a health hazard.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Polyethylene, high-density	9002-88-4	20-60	
Acetic acid, ethenyl ester, polymer with ethene, rubber	24937-78-8	10-20	
Carbon black	1333-86-4	1.1	
Vinyl acetate	108-05-4	<0.1	

Notes

This product is a manufactured article.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. If experiencing respiratory symptoms (e.g. coughing, shortness of breath, wheezing), call a Poison Centre or doctor.

Skin Contact

Wash with plenty of water. 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

Flush with water for 15 minutes. If eye irritation persists, get medical advice or attention.

Ingestion

If large quantities are swallowed, seek medical attention. Do not induce vomiting unless directed by a medical personnel.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Water spray; dry chemical; carbon dioxide; foam.

Specific Hazards Arising from the Product

Aldehydes. Ketones. Oxides of nitrogen. Oxides of carbon. Hydrocarbon products. Organic acids. Alcohols. Vinyl acetate. Acetic acid.

Special Protective Equipment and Precautions for Fire-fighters

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.

Methods and Materials for Containment and Cleaning Up

Sweep or shovel into a container for reuse or disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid overheating. Do not breathe fumes produced during overheating or burning.

Conditions for Safe Storage

Store in an area that is: cool, dry, ventilated.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

	ACGIH TLV®		OSHA PEL		AIHA WEEL	
Chemical Name	**TWA**	**STEL**	**TWA**	**Ceiling**	**8-hr TWA**	**TWA**
Polyethylene, high-density	Not established		Not established			
Acetic acid, ethenyl ester, polymer with ethene, rubber	5 mg/m3		15 mg/m3			
Carbon black	3 mg/m3 A3		Not established			
Vinyl acetate	10 ppm	15 ppm	10 ppm			

Appropriate Engineering Controls

General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Safety goggles recommended during flame heating.

Skin Protection

Long sleeves and pants. Heat resistant footwear if potential contact with hot/molten material.

Respiratory Protection

Wear a NIOSH approved respirator during application/handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Odour Odourless

Relative Density (water = 1) 0.90 - 0.99

Solubility Insoluble in water

Decomposition Temperature > 300 ºC (572 ºF)

Other Information

Physical State Solid

Other Physical Property 1 Adhesive coated plastic.

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability

Normally stable. Hazardous polymerizations will not occur.

Conditions to Avoid

High temperatures. Temperatures above 150.0 ºC (302.0 ºF)

Incompatible Materials

Strong acids. oxidizing chemicals. Organic solvents. Ether.

Hazardous Decomposition Products

Hydrocarbons. Aldehydes. Organic acids. Alcohols. Ketones; vinyl acetate. acetic acid. Oxides of carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Polyethylene, high-density		> 2000 mg/kg (rat)	
Acetic acid, ethenyl ester, polymer with ethene, rubber		2500 mg/kg (rat)	
Carbon black	6750 mg/m3 (4-hour exposure)		
Vinyl acetate	3250-4100 ppm (rat) (4-hour exposure)	2900 mg/kg (rat)	2300 mg/kg (rabbit)

Skin Corrosion/Irritation

May cause very mild irritation based on information for closely related chemicals.

Serious Eye Damage/Irritation

Mechanical irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Vapours released during decomposition may cause irritation.

Ingestion

May cause irritation of the digestive tract.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

None known.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA

Polyethylene, high-density	Not Listed	Not designated	Not Listed	Not Listed
Acetic acid, ethenyl ester, polymer with ethene, rubber	Not Listed	Not designated	Not Listed	Not Listed
Carbon black	Group 2B	A3	Not Listed	Not Listed
Vinyl acetate	Group 2B	A3	Not Listed	Not Listed

Some small components are listed as carcinogens, but they are bound in the matrix of the product and not available for inhalation.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No information was located.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Vinyl acetate	18 mg/L (Lepomis macrochirus (bluegill); 48-hour; fresh water; static)			

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 March 07, 2013
Date of Last Revision October 09, 2015
Key to Abbreviations IARC = International Agency for Research on Cancer
NIOSH = National Institute for Occupational Safety and Health