

KLNN, MIS-100, CRPN, CRP-80**SECTION 1. IDENTIFICATION**

Product Identifier KLNN, MIS-100, CRPN, CRP-80
Product Family Heat shrink sleeves
Recommended Use Corrosion protection of both offshore and onshore steel pipelines.
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

This section is not required by WHMIS 1988 (Controlled Products Regulations).

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Polyethylene, high-density	9002-88-4	20-50	
Hydrocarbons, C6-20, polymers, hydrogenated	69430-35-9	10-30	
Acetic acid, ethenyl ester, polymer with ethene, rubber	24937-78-8	10-20	
Carbon black	1333-86-4	<1	
Talc, Containing No Asbestos or Crystalline Silica	14807-96-6	0.2	
Silica, quartz	14808-60-7	0.1	

Notes

This product is a manufactured article.

SECTION 4. FIRST-AID MEASURES**First-aid Measures****Inhalation**

If exposed to fumes from overheating, move to fresh air. If symptoms persist seek medical attention.

Eye Contact

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**Extinguishing Media****Suitable Extinguishing Media**

Water spray; dry chemical; carbon dioxide; foam.

Specific Hazards Arising from the Product

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides; toxic, flammable aldehydes; ketones;

other hydrocarbon oxidation products.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Not applicable.

Environmental Precautions

It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

No special clean-up methods are necessary. Dispose of in compliance with applicable legislation.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

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

Conditions for Safe Storage

Cool, dry environment.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Not available.

Appropriate Engineering Controls

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

Individual Protection Measures

Eye/Face Protection

Safety goggles recommended during flame heating.

Skin Protection

Gloves required when handling hot material.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance Black.

Other Information

Physical State Solid

Other Physical Property 1 Adhesive coated plastic

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not applicable.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

Not applicable.

Conditions to Avoid

Decomposes at temperatures above 150 C. Temperatures above 150 °C

Incompatible Materials

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Strong oxidizers.

SECTION 11. TOXICOLOGICAL INFORMATION

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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/m ³ (4-hour exposure)		

Skin Corrosion/Irritation

Some individuals may experience mild skin irritation.

Serious Eye Damage/Irritation

Mechanical irritation is possible.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Not applicable as material is a solid. However, fumes from overheating may be hazardous.

Ingestion

May cause irritation of the digestive tract.

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
Silica, quartz	Group 1	A2	Known carcinogen	Not Listed
Talc, Containing No Asbestos or Crystalline Silica	Group 1	A1	Not Listed	Not Listed
Hydrocarbons, C6-20, polymers, hydrogenated	Not Listed	Not designated	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.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

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Ecotoxicity

No information was located.

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)			

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.

SECTION 16. OTHER INFORMATION

SDS Prepared By SHAWCOR LTD.
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