

## MATERIAL SAFETY DATA SHEET

PRODUCT: WRAPIDSLEEVE TYPE KLR, KLR-CS  
REVISION DATE: SEPTEMBER 14, 2012

Page 1 of 8

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURER/SUPPLIER:** CANUSA-CPS, A DIVISION OF SHAWCOR LTD.  
**ADDRESS:** 25 BETHRIDGE ROAD  
**CITY, PROVINCE/STATE:** TORONTO, ONTARIO  
**POSTAL CODE:** M9W 1M7  
**EMERGENCY PHONE NUMBER:** +1-613-996-6666 (CANUTEC)  
**INFORMATION NUMBER:** +1-416-743-7111

**PRODUCT IDENTITY** **MULTI-LAYER WRAPIDSLEEVE TYPE KLR, KLR-C**  
(AS USED ON LABEL AND LIST):  
**PRODUCT USE:** CORROSION PROTECTION SLEEVE WITH ADHESIVE  
**PRODUCT I.D. NUMBER (PIN):** N/A

### SECTION 2 - HAZARDS IDENTIFICATION

**ADVERSE HEALTH EFFECTS:**

ADVERSE EYE, SKIN AND RESPIRATORY EFFECTS. SENSITIZATION MAY OCCUR WITH PROLONGED SKIN CONTACT.

**ENVIRONMENTAL EFFECTS:**

NOT AVAILABLE

**PHYSICAL AND CHEMICAL HAZARDS:**

THERMAL DECOMPOSITION MAY CAUSE THE RELEASE OF TOXIC AND IRRITATING GASES INCLUDING OXIDES OF CARBON, NITROGEN, ACETIC ACID, ALDEHYDES, KETONES, VINYLACETATE, N-HEXANE AS WELL AS OTHER HYDRO CARBON OXIDATION PRODUCTS.

**SPECIFIC HAZARDS:**

NOT AVAILABLE

**CARCINOGENICITY INFORMATION:**

NOT AVAILABLE

# MATERIAL SAFETY DATA SHEET

PRODUCT: WRAPIDSLEEVE TYPE KLR, KLR-CS

REVISION DATE: SEPTEMBER 14, 2012

Page 2 of 8

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

THE CORROSION PROTECTION SLEEVE IS A MANUFACTURED ARTICLE AND, AS SUCH, IS EXEMPT FROM THE REGULATIONS OF THE HAZARDOUS PRODUCTS ACT. FOR ADDITIONAL INFORMATION SEE SECTION 16.

COMPOSITION OF ADHESIVE FILM.

<u>INGREDIENT</u>	<u>CAS #</u>	<u>EU- EINECS</u>	<u>%</u>	<u>HAZARD SYMBOLS</u>	<u>RISK PHRASES</u>
POLYBUTENE	9003-29-6	-	20-50	-	-
LIMESTONE	1317-65-3		10-20	-	R36, R37, R38
BUTYL RUBBER	9010-85-9		1-10	-	-
HYDROCARBON RESIN	69430-35-9		1-10	-	-

## SECTION 4 - FIRST-AID MEASURES

### EYE CONTACT:

FLUSH WITH LUKE WARM WATER FOR 15 MINUTES

### SKIN CONTACT:

WASH WITH SOAP AND WATER, IF IRRITATION DEVELOPS CONSULT A PHYSICIAN

### INHALATION:

IF EXPOSED TO FUMES/GASES FROM OVERHEATING, SEEK MEDICAL ATTENTION

### INGESTION:

DRINK TWO GLASSES OF WATER AND CONSULT A PHYSICIAN

### NOTE TO PHYSICIAN:

NOT AVAILABLE

# MATERIAL SAFETY DATA SHEET

PRODUCT: WRAPIDSLEEVE TYPE KLR, KLR-CS

REVISION DATE: SEPTEMBER 14, 2012

Page 3 of 8

## SECTION 5 - FIRE-FIGHTING MEASURES

### SUITABLE EXTINGUISHING MEDIA:

WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE.

### FIRE-FIGHTING HAZARDS:

NOT AVAILABLE

### FIRE-FIGHTING PERSONAL PROTECTIVE EQUIPMENT:

USE SELF CONTAINED BREATHING APPARATUS DURING FIREFIGHTING.

### FIRE-FIGHTING PROCEDURES:

NOT AVAILABLE

### THERMAL DECOMPOSITION BY-PRODUCTS:

THERMAL DECOMPOSITION MAY CAUSE RELEASE OF TOXIC AND IRRITATING GASES INCLUDING OXIDES OF CARBON, ACETIC ACID, ALDEHYDES, KETONES, VINYLACETATE, N-HEXANE AS WELL AS HYDRO CARBON OXIDATION PRODUCTS.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS:

NOT AVAILABLE

### ENVIRONMENTAL PRECAUTIONS:

NOT AVAILABLE

### METHODS FOR CLEANING UP:

NOT APPLICABLE

## SECTION 7 - HANDLING AND STORAGE

### HANDLING REQUIREMENTS:

AVOID OVERHEATING MATERIAL ABOVE DECOMPOSITION TEMPERATURES. DO NOT BREATHE FUMES PRODUCED DURING OVERHEATING OR BURNING.

### STORAGE REQUIREMENTS:

COOL DRY ENVIRONMENT

### INCOMPATIBLE MATERIALS:

STRONG OXIDIZERS

### VENTILATION:

GENERAL VENTILATION

# MATERIAL SAFETY DATA SHEET

PRODUCT: WRAPIDSLEEVE TYPE KLR, KLR-CS

REVISION DATE: SEPTEMBER 14, 2012

Page 4 of 8

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS:

GENERAL VENTILATION SHOULD BE ADEQUATE. USE OF LOCAL VENTILATION MAY BE REQUIRED WHERE OVERHEATING IS EXPECTED.

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

GLOVES/TYPE: GLOVES REQUIRED WHEN HANDLING HOT MATERIAL  
RESPIRATORY/TYPE: NOT REQUIRED WITH ADEQUATE VENTILATION  
EYE/TYPE: SAFETY GLASSES RECOMMENDED DURING FLAME HEATING  
FOOTWEAR: APPROPRIATE FOOTWEAR  
CLOTHING: FIRE RETARDANT CLOTHING

### INGREDIENT EXPOSURE DATA:

<u>INGREDIENT</u>	<u>CAS #</u>	<u>LD<sub>50</sub> (species and route)</u>	<u>LC<sub>50</sub> (species and route)</u>	<u>OSHA (PEL) TWA</u>	<u>ACGIH (TLV) TWA</u>
POLYBUTENE	9003-29-6	34,600 mg/kg RAT, ORAL	4,830 mg/m <sup>3</sup>	-	-
LIMESTONE	1317-65-3	6,450 mg/kg RAT, ORAL	-	15 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
BUTYL RUBBER	9010-85-9	10,000 mg/kg RAT, ORAL	-	-	-
HYDROCARBON RESIN	69430-35-9	5,000 mg/kg RAT, ORAL	-	-	-

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### PHYSICAL DATA:

PHYSICAL STATE:	SOLID
FORM:	ADHESIVE COATED PLASTIC
COLOUR:	NOT AVAILABLE
ODOUR:	NO ODOUR
ODOUR THRESHOLD (PPM):	NOT APPLICABLE
BOILING POINT:	NOT APPLICABLE
FREEZING POINT:	NOT APPLICABLE
MELTING POINT:	NOT APPLICABLE
EVAPORATION RATE:	NOT APPLICABLE
VAPOUR PRESSURE (mmHg):	NOT APPLICABLE
pH:	NOT APPLICABLE
SPECIFIC GRAVITY (WATER = 1):	NOT APPLICABLE
COEFFICIENT OF WATER/OIL DISTRIBUTION:	NOT APPLICABLE
SOLUBILITY IN WATER:	NOT APPLICABLE

# MATERIAL SAFETY DATA SHEET

PRODUCT: WRAPIDSLEEVE TYPE KLR, KLR-CS

REVISION DATE: SEPTEMBER 14, 2012

Page 5 of 8

## SECTION 10 - STABILITY AND REACTIVITY

### CONDITIONS TO AVOID:

DECOMPOSES AT ELEVATED TEMPERATURES ABOVE 150 DEGREES CELSIUS.

### MATERIALS TO AVOID:

STRONG OXIDIZERS

### STABILITY AND REACTIVITY DATA:

STABILITY:	UNSTABLE:	_____	STABLE:	_____	X
HAZARDOUS POLYMERIZATION:	WILL OCCUR:	_____	WILL NOT OCCUR:	_____	X

### FLAMMABILITY DATA:

DECOMPOSITION TEMPERATURE:	>200C
FLASHPOINT:	NOT APPLICABLE
AUTOIGNITION TEMPERATURE:	NOT APPLICABLE

### HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:

THERMAL DECOMPOSITION MAY CAUSE THE RELEASE OF TOXIC AND IRRITATING GASES INCLUDING OXIDES OF CARBON, NITROGEN, ACETIC ACID, ALDEHYDES, KETONES, VINYLACETATE, N-HEXANE AS WELL AS OTHER HYDRO CARBON OXIDATION PRODUCTS.

### EXPLOSION DATA:

STATIC DISCHARGE:	NOT APPLICABLE
MECHANICAL IMPACT:	NOT APPLICABLE
LOWER EXPLOSIVE LIMIT, LEL (%):	NOT APPLICABLE
UPPER EXPLOSIVE LIMIT, UEL (%):	NOT APPLICABLE

## SECTION 11 - TOXICOLOGY INFORMATION

### EFFECTS FROM EYE CONTACT:

MECHANICAL IRRITATION

### EFFECTS FROM SKIN CONTACT:

NO USUAL DERMATITIS HAZARD. MAY EXPERIENCE MILD IRRITATION

### EFFECTS FROM INHALATION:

NO KNOWN HAZARDS

### EFFECTS FROM INGESTION:

MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT

# MATERIAL SAFETY DATA SHEET

PRODUCT: WRAPIDSLEEVE TYPE KLR, KLR-CS

REVISION DATE: SEPTEMBER 14, 2012

Page 6 of 8

## TOXICOLOGICAL DATA:

EFFECTS OF ACUTE EXPOSURE:	SEE ABOVE
EFFECTS OF CHRONIC EXPOSURE:	SKIN SENSITIZATION MAY OCCUR, HOWEVER THE MATERIAL IS PRIMARILY BOUND IN THE MATRIX OF THE PRODUCT.
IRRITANCY OF MATERIAL:	NONE
SENSITIZING CAPABILITY:	MAY OCCUR BUT NOT LIKELY
CARCINOGENICITY OF MATERIAL:	NOT AVAILABLE
REPRODUCTIVE TOXICITY:	NOT AVAILABLE
TERATOGENICITY:	NOT AVAILABLE
MUTAGENICITY:	NOT AVAILABLE
SYNERGISTIC MATERIALS:	NOT AVAILABLE

## SECTION 12 - ECOLOGICAL INFORMATION

### ECOTOXICITY DATA:

NOT AVAILABLE

### OTHER EFFECTS AND INFORMATION:

NOT AVAILABLE

## SECTION 13 - DISPOSAL CONSIDERATIONS

### PRODUCT AS SOLD:

DISPOSE OF IN COMPLIANCE WITH ALL FEDERAL, STATE, PROVINCIAL AND MUNICIPAL LEGISLATION.

### PRODUCT PACKAGING:

DISPOSE OF IN COMPLIANCE WITH ALL FEDERAL, STATE, PROVINCIAL AND MUNICIPAL LEGISLATION.

### SPECIAL INSTRUCTIONS:

NONE

## SECTION 14 - TRANSPORT INFORMATION

### SHIPPING INFORMATION:

SHIPPING NAME:	<b>RAPIDSLEEVE TYPE KLR, KLR-C</b>
PIN/UN NUMBER:	NOT REGULATED
PACKING GROUP:	NOT REGULATED
TDG REGULATED:	NOT REGULATED
DOT REGULATED:	NOT REGULATED
IATA REGULATED:	NOT REGULATED
IMDG REGULATED:	NOT REGULATED

# MATERIAL SAFETY DATA SHEET

PRODUCT: WRAPIDSLEEVE TYPE KLR, KLR-CS

REVISION DATE: SEPTEMBER 14, 2012

Page 7 of 8

## SPECIAL SHIPPING INSTRUCTIONS:

NONE

## SECTION 15 - REGULATORY INFORMATION

### NOTE:

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.

### GENERAL MATERIAL INFORMATION:

WHMIS CLASSIFICATION NOT CONTROLLED

EUROPEAN CLASSIFICATION NONE

RISK PHRASES R36, R37, R38

SAFETY PHRASES S24, S25

### COMPONENT ANALYSIS – LIST STATUS:

<u>INGREDIENT</u>	<u>CAS #</u>	<u>CANADA WHMIS IDL</u>	<u>US CERCLA PRIORITY LIST</u>
POLYBUTENE	9003-29-6	NO	NO
LIMESTONE	1317-65-3	NO	NO
BUTYL RUBBER	9010-85-9	NO	NO
HYDROCARBON RESIN	69430-35-9	NO	NO

### COMPONENT ANALYSIS – INVENTORY STATUS:

<u>INGREDIENT</u>	<u>CAS #</u>	<u>CANADA- DSL</u>	<u>US- TSCA</u>	<u>EU- EINECS</u>	<u>AUSTRALIA -AICS</u>
POLYBUTENE	9003-29-6	NO	YES	NO	NO
LIMESTONE	1317-65-3	NO	YES	215-279-6	NO
BUTYL RUBBER	9010-85-9	NO	YES	NO	NO
HYDROCARBON RESIN	69430-35-9	YES	YES	NO	NO

# MATERIAL SAFETY DATA SHEET

PRODUCT: WRAPIDSLEEVE TYPE KLR, KLR-CS

REVISION DATE: SEPTEMBER 14, 2012

Page 8 of 8

## SECTION 16 - OTHER INFORMATION

PREPARED BY: SHAWCOR LTD.  
TELEPHONE NUMBER: (416) 743-7111  
DATE PREPARED: SEPTEMBER 14, 2012

### ADDITIONAL INFORMATION:

#### HAZARD SYMBOLS:

NONE

#### RISK PHRASES:

R36 IRRITATING TO EYES  
R37 IRRITATING TO RESPIRATORY SYSTEM  
R38 IRRITATING TO SKIN

#### SAFETY PHRASES:

S24 AVOID CONTACT WITH SKIN  
S25 AVOID CONTACT WITH EYES

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