

## MATERIAL SAFETY DATA SHEET

PRODUCT: CFHR-FR  
REVISION DATE: May 6<sup>th</sup>, 2005

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### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

**PRODUCT IDENTITY** **CFHR-FR**  
(AS USED ON LABEL AND LIST):  
**PRODUCT USE:** ELECTRICAL INSULATION TUBING  
**PRODUCT I.D. NUMBER (PIN):** NOT APPLICABLE

### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS #</u>	<u>%</u>	<u>HAZARD SYMBOLS</u>	<u>RISK PHRASES</u>
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### SECTION 3 - HAZARDS IDENTIFICATION

**ADVERSE HEALTH EFFECTS:**  
NOT AVAILABLE

**ENVIRONMENTAL EFFECTS:**  
NOT AVAILABLE

**PHYSICAL AND CHEMICAL HAZARDS:**  
VAPOURS FROM HEATED MATERIAL MAY IRRITATE THE NOSE, THROAT, AND RESPIRATORY TRACT. MAY CAUSE DIZZINESS, NAUSEA, VOMITING, DIARRHEA, AND LOSS OF APPETITE.

**SPECIFIC HAZARDS:**  
NOT AVAILABLE

**CARCINOGENICITY INFORMATION:**  
NOT AVAILABLE

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## SECTION 4 - FIRST-AID MEASURES

### EYE CONTACT:

FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.

### SKIN CONTACT:

WASH WITH SOAP AND WATER; IF IRRITATION DEVELOPS SEEK MEDICAL ADVICE

### INHALATION:

IF EXPOSED TO FUMES OR GASES FROM OVERHEATING SEEK MEDICAL ADVICE.

### INGESTION:

DRINK TWO GLASSES OF WATER AND SEEK MEDICAL ATTENTION.

### NOTE TO PHYSICIAN:

NOT AVAILABLE

## SECTION 5 - FIRE-FIGHTING MEASURES

### SUITABLE EXTINGUISHING MEDIA:

WATER SPRAY, DRY CHEMICAL, FOAM CARBON DIOXIDE

### FIRE-FIGHTING HAZARDS:

NOT AVAILABLE

### FIRE-FIGHTING PERSONAL PROTECTIVE EQUIPMENT:

WEAR FULL PROTECTIVE CLOTHING. USE SELF CONTAINED BREATHING APPARATUS DURING FIREFIGHTING.

### FIRE-FIGHTING PROCEDURES:

NOT AVAILABLE

### THERMAL DECOMPOSITION BY-PRODUCTS:

OXIDES OF CARBON, NITROGEN, ACETIC ACID, ALDEHYDES, KETONES, VINYLACETATE, N-HEXANE AS WELL AS OTHER HYDROCARBON OXIDATION PRODUCTS.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS:

NOT AVAILABLE

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## ENVIRONMENTAL PRECAUTIONS:

NOT AVAILABLE

## METHODS FOR CLEANING UP:

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

## SECTION 7 - HANDLING AND STORAGE

### HANDLING REQUIREMENTS:

AVOID OVERHEATING MATERIAL ABOVE DECOMPOSITION TEMPERAUTURES

### STORAGE REQUIREMENTS:

COOL DRY ENVIRONMENT

### INCOMPATIBLE MATERIALS:

STRONG OXIDIZING AGENTS, HALOGENATED ACIDS

### VENTILATION:

NOT AVAILABLE

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS:

LOCAL VENTILATION MAY BE REQUIRED WHERE OVERHEATING IS EXPECTED

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

GLOVES/TYPE: AVOID SKIN CONTACT WITH HOT MATERIAL. WEAR APPROPRIATE GLOVES WHEN HANDLING HOT MATERIAL.  
RESPIRATORY/TYPE: NOT REQUIRED WITH ADEQUATE GENERAL VENTILATION.  
EYE/TYPE: SAFETY GLASSES DURING FLAME HEATING  
FOOTWEAR: NOT APPLICABLE  
CLOTHING: NOT APPLICABLE

### 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>
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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### PHYSICAL DATA:

PHYSICAL STATE:	SOLID
FORM:	COATED/UNCOATED PLASTIC TUBE
ODOUR:	NO ODOUR
ODOUR THRESHOLD (PPM):	NOT AVAILABLE
BOILING POINT:	NOT AVAILABLE
FREEZING POINT:	NOT AVAILABLE
MELTING POINT:	NOT AVAILABLE
EVAPORATION RATE:	NOT AVAILABLE
VAPOUR PRESSURE (mmHg):	NOT AVAILABLE
VAPOUR DENSITY (AIR = 1):	NOT AVAILABLE
pH:	NOT AVAILABLE
SPECIFIC GRAVITY (WATER = 1):	1.2
COEFFICIENT OF WATER/OIL DISTRIBUTION:	NOT AVAILABLE
SOLUBILITY IN WATER:	NOT AVAILABLE

## SECTION 10 - STABILITY AND REACTIVITY

### CONDITIONS TO AVOID:

TEMPERATURES ABOVE 200 DEG CELCIUS

### MATERIALS TO AVOID:

STRONG OXIDIZERS, HALOGENATED ACIDS

### STABILITY AND REACTIVITY DATA:

STABILITY:	UNSTABLE: _____	STABLE: _____
HAZARDOUS POLYMERIZATION:	WILL OCCUR: _____	WILL NOT OCCUR: <u>  X  </u>

### FLAMMABILITY DATA:

DECOMPOSITION TEMPERATURE:	ABOVE 200 C
FLASHPOINT:	NOT AVAILABLE
AUTOIGNITION TEMPERATURE:	NOT AVAILABLE

### HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:

OXIDES OF CARBON, NITROGEN, ACETIC ACID, ALDEHYDES, KETONES, VINYLACETATE, N-HEXANE AS WELL AS OTHER HYDROCARBON OXIDATION PRODUCTS.

### EXPLOSION DATA:

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

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## SECTION 11 - TOXICOLOGY INFORMATION

### EFFECTS FROM EYE CONTACT:

MAY CAUSE MECHANICAL IRRITATION

### EFFECTS FROM SKIN CONTACT:

MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS

### EFFECTS FROM INHALATION:

VAPOURS FROM HEATED MATERIAL MAY CAUSE RESPIRATORY SYSTEM IRRITATION.

### EFFECTS FROM INGESTION:

MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT

### TOXICOLOGICAL DATA:

EFFECTS OF ACUTE EXPOSURE:	SEE ABOVE
EFFECTS OF CHRONIC EXPOSURE:	PRODUCT HAS BEEN KNOWN TO CAUSE SKIN SENSITIZATION, HOWEVER THE MATERIAL IS BOUND IN THE MATRIX OF THE PRODUCT AND IS NOT EXPECTED TO AFFECT SUSCEPTIBLE INDIVIDUALS.
IRRITANCY OF MATERIAL:	MILD
SENSITIZING CAPABILITY:	YES
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

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## SECTION 13 - DISPOSAL CONSIDERATIONS

**PRODUCT AS SOLD:**

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

**PRODUCT PACKAGING:**

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

**SPECIAL INSTRUCTIONS:**

NOT AVAILABLE

## SECTION 14 - TRANSPORT INFORMATION

**SHIPPING INFORMATION:**

SHIPPING NAME:	NOT REGULATED AS A HAZARDOUS MATERIAL
PIN/UN NUMBER:	NOT REGULATED AS A HAZARDOUS MATERIAL
PACKING GROUP:	NOT REGULATED AS A HAZARDOUS MATERIAL
TDG REGULATED:	NOT REGULATED AS A HAZARDOUS MATERIAL
DOT REGULATED:	NOT REGULATED AS A HAZARDOUS MATERIAL
IATA REGULATED:	NOT REGULATED AS A HAZARDOUS MATERIAL
IMDG REGULATED:	NOT REGULATED AS A HAZARDOUS MATERIAL

**SPECIAL SHIPPING INSTRUCTIONS:**

NOT AVAILABLE

## 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: EXEMPT (MANUFACTURED ARTICLE)

**COMPONENT ANALYSIS – LIST STATUS:**

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<u>INGREDIENT</u>	<u>CAS #</u>	<u>CANADA WHMIS IDL</u>	<u>US CERCLA PRIORITY LIST</u>
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## 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>
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## SECTION 16 - OTHER INFORMATION

PREPARED BY: SHAWCOR LTD.  
TELEPHONE NUMBER: (416) 743-7111  
DATE PREPARED: May 6<sup>th</sup>, 2005

**ADDITIONAL INFORMATION:** OVERHEATING TO TEMPERATURES ABOVE 200 DEG CELCIUS FOR FOR LONG PERIODS OF TIME, MAY CAUSE THE RELEASE OF IRRITATING AND TOXIC FUMES.

**DISCLAIMER:** THIS INFORMATION IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE. IT IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED. DSG-CANUSA, 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.