

# SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS) N/D=Not Determined N/A=Not Applicable

**Product:** FIBRE GUARD

**Manufacturer:** ESTEAM

**Flammability:** 1

**Chem. Name:** N/A

**Trade Name:** Fibre Guard

**Reactivity:** 0

**Chem. Family:** Chlorinated Solvent & Fluorochemical

**Use:** Carpet and furniture protector

**Health:** 2

**Protection:**

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

## HAZARDOUS INGREDIENTS

Trichloroethylene  
Synthetic Isoparaffinic Hydrocarbon

### CAS #

79-01-6  
64742-48-9

### % WT

90-100  
1-5

### HAZARD DATA

LD50 4920 mg/kg (oral-rat)

### EXPOSURE LIMITS (TLV)

50 ppm TWA  
300 ppm

## PHYSICAL DATA

**Physical State:** Liquid

**Odor/ Appearance:** Clear, mildly sweet odor

**Boiling Point (C):** N/D

**Freezing Point (C):** N/D

**Solubility in Water:** N/D

**Ph (undiluted):** N/D

**Evaporation Rate:** N/D

**Specific Gravity:** N/D

### Freeze/Thaw

**Stable:** Doesn't freeze

**Percent Volatile (vol):** N/D

**Vapor Pressure:** N/D

## FIRE & EXPLOSION HAZARD

**Flammability:** N

**Means of Extinction:** Foam, Dry chemical, CO2

**Special Procedures:** SCBA should be used. Vapours can be ignited.

**Explosion Sensitivity to Impact:** N/A

**Chemical Sensitivity to Static Discharge:** N/A

**Flashpoint (C) & Method:** N/A

### Conditions:

**Hazardous Combustion Products:** Hydrogen chloride

**Upper Explosion Limit (% by vol):** N/D

**Lower Explosion Limit (% by vol):** N/D

**Auto-ignition:** N/D

**Rate of Burning:** N/D

**Explosive Power:** N/D

**TDG/WHMIS:** Less than 5 Lt classified as Limited Quantities.  
Trichloroethylene Class 6.1,  
UN# 1710, PG III / D, D2A

## REACTIVITY DATA

**Chemical Stability:** Stable

Avoid contact with open flame, hot surfaces or electric arcs.

**Hazardous Decomposition Product:** Hydrogen chloride, phosgene (small amounts).

**Incompatible Substances:** Strong alkalines, oxidizing materials.

## TOXICOLOGICAL PROPERTIES

**Route of Entry - Skin Contact:** Y  
**Route of Entry - Skin Absorption:** N  
**Route of Entry - Eye Contact:** Y  
**Route of Entry - Inhalation:** Y  
**Route of Entry - Ingestion:** N

**Reproductive Effects Y/N:** N/D  
**Carcinogenicity Y/N:** N/D  
**Mutagenicity Y/N:** N/D  
**Teratogenicity Y/N:** N/D  
**TLV:** N/D

### Effects of Overexposure:

#### Acute Effects:

May cause mild eye and skin irritation on contact. Inhalation may cause dizziness, drunkenness and drowsiness, unconsciousness and even death at extreme doses. Exposures in 1000 ppm range can cause narcosis.

#### Chronic Effects:

Prolonged or repeated contact can cause dermatitis through defatting of skin.

## PREVENTATIVE MEASURES

**Gloves:** Solvent resistant

**Footwear:** N/A

**Clothing:** N/A

**Eyes:** Chemical workers gloves

**Respirator:** N/A

**Other:** Eye wash station recommended

### Recommended Engineered Controls:

Use only with adequate ventilation. Local exhaust recommended.

### Leak & Spill Procedures:

Evacuate area, avoid vapours, contain spill. Mop up or absorb material and collect to a closed container for disposal.

### Waste Disposal Methods:

According to federal, provincial and municipal regulations.

### Special Handling Procedures:

Avoid skin contact, do not breath vapours. Store in cool, dry, well ventilated area. Vapours will collect in low areas.

## FIRST AID MEASURES

**Inhalation:** Move person to fresh air. If necessary give artificial respiration or oxygen. Call a doctor if in distress.

**Ingestion:** Immediately contact a physician. Do not induce vomiting. Guard against aspiration into lungs.

**Eye Contact:** Immediately flush eyes with running water for at least 15 minutes. Contact a physician if irritation persists.

**Skin Contact:** Immediately flush skin for at least 15 minutes. Launder clothing before reuse. Contact a physician if irritation persists.

**Prep./Revised Date:** January 8, 2010

**Prepared By:** R. Russell

**Source Material:** Manufacturer's MSDS

**Emergency Response:** 1-613-996-6666 (Transport Emergencies)

**Mailing Address:** Esteam Manufacturing Ltd.

3750-19th Street NE Calgary, AB T2E 6V2



This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.