

# MATERIAL SAFETY DATA SHEET

**Trade Name:** EASE RELEASE 1700 AEROSOL

**Chemical Family:** Dimethyl Methane

**Formula:** N/A

**Manufacturer:** Smooth-On Inc.  
2000 St. John Street  
Easton, PA 18042

**Supplier:** COAST FIBER-TEK  
1306 Boundary Road  
Burnaby, BC V5K 4T6  
Tel.# (604) 294-8116

**Emergency Phone #'s:** 1-813-248-0585

**Transportation EMG. Phone #** CANUTEC (613) 996-6666  
(604) 930-0650

## **HAZARDOUS INGREDIENTS:**

**Dimethyl Ether:** 50-60 % CAS #115-10-6

**Ethane,1,1,1,2-Tetrofluoro:** 30-40 % CAS # 811-97-2

**Resin and Oil Blend:** 3-6 % Mixture

Exposure Limits: AEL 1000 ppm,

## **PHYSICAL DATA:**

Appearance & Odour: Aerosol cans, ethereal odour

Vapour Pressure: 10.02 PSIG @ 21°C

Vapour Density: (Air = 1) : ~4

Solubility in Water: Negligible

Specific Gravity: N/A

Evaporation Rate: >1

Boiling Point: N/A

Freezing Point: N/A

pH: N/A

## **FIRE & EXPLOSION DATA:**

Flashpoint & Method: N/A

Flammable Limits: N/A

Extinguishing Methods: Use dry chemical, foam or CO<sub>2</sub>; water may be ineffective but should be used to keep containers cool.

Special Equipment & Procedures: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

## **REACTIVITY DATA:**

Conditions Contributing to Instability: This product is stable at room temperature.

Incompatible Substances: N/A

Hazardous Decomposition Products: Thermal oxidative decomposition can produce hydrochloric and hydrofluoric acids, carbonyl halides such as phosgene, silicon dioxide, carbon oxides and traces of incompletely burned carbon compounds, formaldehyde.

Hazardous Polymerization: Hazardous polymerization cannot occur.

## **HEALTH HAZARDS DATA:**

*NOTE: Health studies have shown that exposure to chemicals pose potential risks which may vary from person to person. Exposure to liquids, vapours, mists or fumes should be minimized.*

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Ease Release 1700 Aerosol - Pg 2

## **PRINCIPAL HEALTH HAZARDS:**

<u>Skin Contact:</u>	Contact with the liquid may cause freezing of the skin or irritation
<u>Eye Contact:</u>	Contact with liquid or vapour may cause irritation
<u>Ingestion:</u>	Is not considered a potential route of exposure
<u>Inhalation:</u>	Over exposure by inhalation of vapours may cause respiratory irritation or nonspecific discomfort such as nausea, headache or weakness. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anaesthetic effects such as dizziness, headache, in coordination and loss of consciousness or temporary alteration of the heart's electrical activity (cardiac arrhythmia). Gross overexposure may be fatal. Inhalation of respirable aerosols of the release agent in this product may cause serious toxic effect in the lungs, based on animal studies.
<u>Long-Term Exposure:</u>	Individuals with preexisting diseases of the central nervous or cardiovascular system may have increase susceptibility to the toxicity of excessive exposure.
<u>Chronic Effects:</u>	No chronic health effects known.

## **FIRST AID PROCEDURES:**

<u>Skin:</u>	Wash thoroughly with soap and water.
<u>Eyes:</u>	Flush eyes with plenty of water. If irritation persists, seek medical attention.
<u>Ingestion:</u>	Unlikely route of exposure. Do not induce vomiting unless instructed by a physician. Seek medical attention.
<u>Inhalation:</u>	Remove source of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

## **PREVENTIVE MEASURES:**

<u>Skin:</u>	Always apply appropriate barrier cream to exposed skin. Wear impervious gloves (butyl rubber), coveralls and safety footwear.
<u>Eyes:</u>	Chemical proof goggles or full face respirator if vapours cause eye irritation.
<u>Ingestion:</u>	Wash thoroughly before consuming food stuffs.
<u>Inhalation:</u>	Use only in well ventilated areas or use NIOSH approved respiratory protection with organic vapour cartridges.

## **CONTROL MEASURES & PRECAUTIONS**

Keep container tightly closed. **Do not** consume food, drink or tobacco in work area or material storage areas. Use caution and personal cleanliness to avoid skin and eye contact. Avoid breathing vapours of heated materials. Use paper covering absorbent wipes and suitable disposable containers in work area.

## **SPILL, LEAK & DISPOSAL METHODS**

**Review fire and explosion hazards and safety precautions before proceeding with clean up.** Restrict access to area. Contain spill to prevent liquid from entering sewers or waterways. Recover free liquid and use an absorbent material (i.e. sand, vermiculite) to soak up balance. Place in suitable container for disposal.

## **DISPOSAL METHOD**

Dispose only in a facility permitted to dispose of hazardous waste by Federal, Provincial and Municipal regulations.

## **SHIPPING INFORMATION**

Shipping Name:	Aerosol, Non Flammable, N.O.S.
Hazard Class:	2.2
UN/PIN #:	UN 1950
Flashpoint:	N/A
WHMIS:	Not Required

The information contained herein is based on data that we believe to be accurate. No warranty either expressed or implied is made. This information is offered solely for your consideration interpretation and information.

<b>Preparation Date:</b>	October 25, 2001
<b>Prepared by:</b>	Nigel Poore, 1306 Boundary Road, Burnaby, BC V5K 4T6
<b>Telephone #:</b>	(604) 294-8116
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N/A = Not Available	