



MATERIAL SAFETY DATA SHEET
CHEMTRONICS ES805I
FOAMCLEAN LABEL ADHESIVE REMOVER

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

COMMERCIAL PRODUCT NAME: CHEMTRONICS FOAMCLEAN LABEL ADHESIVE REMOVER MANUFACTURER/SUPPLIER:	CODE NO. ES805I CHEMTRONICS, INC. 8125 Cobb Center Drive Kennesaw, Georgia 30152 USA 1-770-424-4888 1-770-423-0748 1-703-527-3887
Phone Number:	
Fax Number:	
EMERGENCY:	

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS No.	CLASSIFICATION	R PHRASES	CONCENTRATION
Aliphatic hydrocarbon	64742-47-8	-	-	55.0-70.0
Isobutane	75-28-5	F+	R12	5.0-15.0
Propane	74-98-6	F+	R12	5.0-15.0
D-Limonene	5989-27-5	F	R11	5.0-15.0

3. HAZARDS IDENTIFICATION

Main Hazards	Extremely Flammable.
Health Effects - Eyes	Liquid may cause slight transient irritation.
Health Effects - Skin	Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.
Health Effects - Ingestion	Swallowing may have the following effects: nausea, drowsiness
Health Effects - Inhalation	Exposure to vapour at high concentrations may have the following effects: drowsiness.

4. FIRST-AID MEASURES

First Aid - Eyes	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
First Aid - Skin	Wash skin with soap and water. Apply a reconditioning skin cream.
First Aid - Ingestion	Do not induce vomiting. Obtain medical attention.
First Aid - Inhalation	Remove from exposure.

5. FIRE-FIGHTING MEASURES

Extinguishing Media	Keep containers and surroundings cool with water spray. Use foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media:	Do not use waterjet.
Special Hazards of Product:	Containers may explode in heat of fire. This product may give rise to hazardous fumes in a fire.
Protective Equipment for Fire-Fighting:	Wear self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Eliminate all sources of ignition. Ventilate the area. Material can create slippery conditions underfoot.
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Environmental Precautions:	Try to prevent the material from entering drains or water courses. Advise authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.
Spillages:	Allow to evaporate if it is safe to do so or contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.
7. HANDLING AND STORAGE	
Handling:	Use in well ventilated area.
Storage:	Storage temperature should be kept below 50°C. Storage area should be: out of direct sunlight.
8. EXPOSURE CONTROLS /PERSONAL PROTECTION	
Occupational Exposure Standards:	
1. ISOBUTANE	An exposure limit of 800 ppm 8h TWA is recommended.
2. PROPANE	An exposure limit of 800 ppm 8h TWA is recommended.
Engineering Control Measures	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
Respiratory Protection	Respiratory protection if there is a risk of exposure to high vapour concentrations.
Hand Protection:	Use a good quality barrier cream.
Eye Protection:	Chemical goggles if there is a risk of eye contact.
Body Protection:	Normal work wear.
Protection During Application:	During application, adequate ventilation must be provided.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State:	Aerosol Foam
Colour:	White
Odour:	Mild Citrus
Boiling Range/Point (°C):	Boils above 90.
Flashpoint (PMCC) (°C):	<0 (based on propellant)
Explosion Limits (%):	0.7 to 6.7

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9. PHYSICAL AND CHEMICAL PROPERTIES continued	
Solubility in water:	Soluble
Vapour Pressure (mm.Hg./20°C)	Not determined
Density (kg/m³)	0.85 (measured as kg/litre)
Auto-flammability (°C):	Not determined
Viscosity (cSt):	Mobile liquid at ambient temperatures.
Vapour Density (Air=1):	Heavier than air.
Evaporation Rate	< 1 (referenced as n-butyl acetate = 1)

10. STABILITY AND REACTIVITY	
Stability:	Stable under normal conditions.
Conditions to Avoid:	Temperatures in excess of 50°C. Exposure to direct sunlight.
Materials to avoid:	Strong oxidizing agents.
Hazardous Decomposition Products:	Combustion will generate: silica, smoke, possibly thick and choking, resulting in zero visibility.
11. TOXICOLOGICAL INFORMATION	
Acute Toxicity	Low order of acute toxicity.
12. ECOLOGICAL INFORMATION	
Mobility:	The product is volatile/gaseous and will partition to the air released to water the product will float.
Persistence/Degradability:	The product is expected to be resistant to biodegradation.
Bio-accumulation:	Product is not expected to bioaccumulate.
13. DISPOSAL CONSIDERATIONS	
Container Disposal:	Plastic caps and empty aerosols may be recycled via appropriate routes. Empty aerosols may be disposed of by authorized landfill. Do not incinerate closed containers.
14. TRANSPORTATION INFORMATION	
UN Number:	1950
UN Proper Shipping Name:	Aerosols, flammable, n.o.s.
UN Class	2.1
UN Packaging Group	NA
ADR/RID Substance Identification Number	1950
ADR/RID - Description	Aerosols.
ADR/RID - Class	2
ADR/RID - Item No.	10b1
IMDG - Proper Shipping Name	Aerosols
IMDG - Packaging Group	NA
IMDG - Class	2

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14. TRANSPORTATION INFORMATION continued	
IMDG - Marine Pollutant	No.
IMDG - Ems Number	2-13
IMDG - Page Number	2102
IATA - Proper Shipping Name	Aerosols, flammable, n.o.s.
IATA - Packaging Group	NA
IATA - Class	2.1
Tremcard No. TEC(R)	20G26-2
15. REGULATORY INFORMATION	
Labeling Information	
F+	Extremely Flammable
R Phrases:	Extremely flammable.
S Phrases:	Keep away from sources of ignition - No smoking. Do not breathe spray. Use only in well ventilated areas. Keep out of reach of children.
16. OTHER INFORMATION:	
ENVIRONMENTAL IMPACT DATA (percent by weight)	

CFC	0.0%	VOC	54.7%
HCFC	0.0%	HFC	0.0%
CL. SOLV.	0.0%	ODP	0.0

PRODUCT INFORMATION: 1-770-424-4888

Product Use:
MSDS first issued:
MSDS data revised:
EC Legislation

For industrial use only. Cleaning solvent.
2/19/96
8/04/97
EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to dangerous preparations.
EC Directive 88/379/EEC relating to the classification, packaging and labelling of dangerous preparations.
EC Directive 94/1/EC adapting some technicalities of Council Directive 75/324/EEC on the approximation of the laws of Member States relating to aerosol dispensers.

To the best of our knowledge, the information contained herein is accurate. However, all materials may present unknown hazards and should be used with caution. In particular, improper use of our products and their inappropriate combination with other products and substances may produce harmful results which cannot be anticipated. Final determination of the suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that may exist.

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