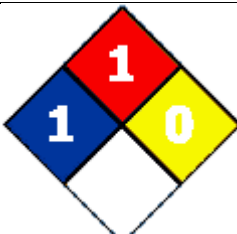




# Material Safety Data Sheet

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td>Health Hazard</td> <td>1</td> </tr> <tr> <td>Fire Hazard</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	Health Hazard	1	Fire Hazard	1	Reactivity	0		
Health Hazard	1								
Fire Hazard	1								
Reactivity	0								

Issuing Date 27-Feb-2007

Revision Date 2008-10-14

Revision Number 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	Component B for Touch 'n Foam Professional Foam Kit 200 / 600 (std) Touch 'n Seal Foam Kit 110 / 200 / 600 (std)
<b>Recommended Use</b>	Insulation
<b>Supplier Address</b>	Convenience Products, division of Clayton Corp. 866 Horan Drive Fenton, MO 63026-2416 USA TEL: (636) 349-5855
<b>Emergency Telephone Number</b>	Chemtrec 1-800-424-9300 (703) 527-3887 outside US

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

May cause drowsiness and dizziness.

**Appearance** Pale Amber

**Physical State** Liquid

**Odor** Faint hydrocarbon

### Potential Health Effects

<b>Principle Routes of Exposure</b>	Inhalation, Skin contact, Eye contact.
<b>Acute Toxicity</b>	
<b>Eyes</b>	May cause slight irritation. Avoid contact with eyes.
<b>Skin</b>	May cause skin irritation and/or dermatitis. Contact with product may cause frostbite. Avoid contact with skin and clothing.
<b>Inhalation</b>	May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. Irritating to mucous membranes. Avoid breathing vapors or mists.
<b>Ingestion</b>	Not an expected route of exposure. No known effect based on information supplied.
<b>Chronic Effects</b>	No known effect based on information supplied
<b>Aggravated Medical Conditions</b>	Central nervous system.
<b>Environmental Hazard</b>	See Section 12 for additional Ecological information

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Chlorodifluoromethane	75-45-6	10-30

## 4. FIRST AID MEASURES

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. In case of contact with liquefied gas, thaw frosted parts with lukewarm water. If symptoms persist, call a physician.

**Inhalation** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

**Ingestion** Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.

**Notes to Physician** Treat symptomatically

**5. FIRE-FIGHTING MEASURES**

**Flammable Properties** Containers may explode when heated.

**Flash Point** None

**Suitable Extinguishing Media** Dry chemical, CO2, water spray or regular foam. Move containers from fire area if you can do it without risk. Dike fire-control water for later disposal.

**Unsuitable Extinguishing Media** Do not scatter spilled material with high pressure water streams.

**Explosion Data**

**Sensitivity to mechanical impact** None

**Sensitivity to static discharge** None

**Specific Hazards Arising from the Chemical**  
 Ruptured cylinders may rocket.

**Protective Equipment and Precautions for Firefighters**  
 Wear self-contained breathing apparatus and protective suit.

<b>NFPA</b>	<b>Health Hazard 1</b>	<b>Flammability 1</b>	<b>Stability 0</b>	<b>Physical and Chemical Hazards -</b>
<b>HMIS</b>	<b>Health Hazard 1</b>	<b>Flammability 1</b>	<b>Stability 0</b>	<b>Personal Precautions -</b>

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** Ensure adequate ventilation

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Following product recovery, flush area with water.

**7. HANDLING AND STORAGE**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid contact with eyes. Ensure adequate ventilation. Do not breathe vapors or spray mist.

**Storage** Keep containers tightly closed in a cool, well-ventilated place. Ideal Storage Temperature is 16-32 °C / 60 – 90 °F. Storage above 32°C / 90 °F will reduce its shelf-life. Never keep at temperatures above 48.8 °C / 120 °F. Protect the container from physical abuse. Keep out of the reach of children.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Chlorodifluoromethane	TWA: 1000 ppm	TWA: 1000 ppm TWA: 3500 mg/m <sup>3</sup>	

NIOSH IDLH: Immediately Dangerous to Life or Health

**Engineering Measures**                      Showers  
    Eyewash stations  
    Ventilation systems

**Personal Protective Equipment**  
**Eye/Face Protection**                      Tightly fitting safety goggles.  
**Skin and Body protection**                Wear protective gloves/clothing.  
**Respiratory Protection**                    No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures**                            Handle in accordance with good industrial hygiene and safety practice

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Pale Amber	<b>Odor</b>	Faint hydrocarbon
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Liquid (Frothable)
<b>pH</b>	No information available		
<b>Flash Point</b>	None	<b>Autoignition Temperature</b>	Not applicable
<b>Decomposition temperature</b>	No data available	<b>Boiling Point/Range</b>	-42°C / -44°F
<b>Melting Point/Range</b>	No data available		
<b>Flammability Limits in Air</b>	No data available	<b>Explosion Limits</b>	No data available
<b>Specific Gravity</b>	1.1	<b>Water Solubility</b>	Not Compatible
<b>Solubility</b>	No data available	<b>Evaporation Rate</b>	No data available
<b>Vapor Pressure</b>	No data available	<b>Vapor Density</b>	No data available
<b>VOC Content</b>	Not applicable	<b>EPA VOC (g/l)</b>	0
<b>Partition Coefficient (n-octanol/water)</b>	No data available		

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under recommended storage conditions
<b>Conditions to Avoid</b>	Keep away from open flames, hot surfaces and sources of ignition.
<b>Incompatible Products</b>	Oxidizing agents. Strong acids. Strong bases.
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating gases and vapors, Carbon monoxide (CO), Carbon dioxide (CO2).
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity**

**Product Information**                            No acute toxicity information is available for this product.

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
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Chlorodifluoromethane			220000 ppm ( Rat ) 4 h
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**Subchronic Toxicity (28 days)**

**Chronic Toxicity**

**Carcinogenicity** There are no known carcinogenic chemicals in this product

**Mutagenicity**

**Reproductive Toxicity** This product does not contain any known or suspected reproductive hazards

**Target Organ Effects** Central nervous system (CNS).

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Ecotoxicity effects.

Chemical Name	Log Pow
Chlorodifluoromethane	1.08

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method** This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

**Contaminated Packaging** Dispose of in accordance with local regulations.

**14. TRANSPORT INFORMATION**

**DOT**

**Proper Shipping Name** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)  
**Hazard Class** 2.2  
**Description** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)

**TDG**

**Proper Shipping Name** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)  
**Hazard Class** 2.2  
**UN-No** UN1956  
**Description** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)

**MEX**

**Proper Shipping Name** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)  
**Hazard Class** 2.2  
**UN-No** UN1956  
**Description** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)

**ICAO**

**UN-No** UN1956  
**Proper Shipping Name** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)  
**Hazard Class** 2.2  
**Description** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)

**IATA**

**UN-No** UN1956  
**Proper Shipping Name** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)  
**Hazard Class** 2.2  
**ERG Code** 2L  
**Description** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)

**14. TRANSPORT INFORMATION**

**IMDG/  
 IMO**

**Proper Shipping Name** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)  
**Hazard Class** 2.2  
**UN-No** UN 1956  
**EmS No.** F-D, S-U  
**Description** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)

**RID**

**Proper Shipping Name** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)  
**Hazard Class** 2  
**UN-No** UN 1956  
**Classification Code** 5A  
**Description** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)  
**ADR/RID-Labels** 2

**ADR**

**Proper Shipping Name** Compressed gas, n.o.s. (Fluorinated Hydrocarbon, Nitrogen)  
**Hazard Class** 2  
**UN-No** UN1956  
**Classification Code** 5A

**15. REGULATORY INFORMATION**

**International Inventories**

**DSL** Complies  
**EINECS/ELINCS** Complies  
**ENCS** Complies  
**CHINA** Complies  
**KECL** Complies  
**PICCS** Complies  
**AICS** Complies

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values
Chlorodifluoromethane	75-45-6	10-30	1.0

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Chlorodifluoromethane	X	X	X		X

**International Regulations**

Chemical Name	Carcinogen Status	Exposure Limits
Chlorodifluoromethane		Mexico: TWA= 3500 mg/m <sup>3</sup> Mexico: TWA= 1000 ppm Mexico: STEL= 1250 ppm Mexico: STEL= 4375 mg/m <sup>3</sup>

**Canada**

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.

**WHMIS Hazard Class**

A Compressed gases



Chemical Name	NPRI
Chlorodifluoromethane	X

**Legend**

NPRI - National Pollutant Release Inventory

**16. OTHER INFORMATION**

<b>Issuing Date</b>	27-Feb-2007
<b>Revision Date</b>	2008-10-14
<b>Revision Note</b>	Revised shipping inf. And storage inf.

**COMPONENT B for**  
**Touch 'n Seal Foam Kit 110 / 200 / 600 (std)**  
**Touch 'n Foam Professional Foam Kit 200 / 600 (std)**

**Revision Date**

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**