

# 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>4</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	Health Hazard	1	Fire Hazard	4	Reactivity	0		
Health Hazard	1								
Fire Hazard	4								
Reactivity	0								

Issuing Date 01-Mar-2007

Revision Date

Revision Number 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Touch 'n Foam® EasyFill Latex Foam Sealant  
 Touch 'n Foam Latex Foam Sealant  
 Touch 'n Seal® Latex Gun Foam Sealant

**Synonyms**

**Recommended Use** Insulation

**Supplier Address** Convenience Products, division of Clayton Corp.  
 866 Horan Drive  
 Fenton, MO 63026-2416 USA  
 TEL: (636) 349-5855

**Emergency Telephone Number** Chemtrec 1-800-424-9300  
 (703) 527-3887 outside US

## 2. HAZARDS IDENTIFICATION

### WARNING!

#### Emergency Overview

Flammable gas.  
 May cause slight irritation.  
 May cause drowsiness and dizziness.  
 May cause adverse cardiovascular effects.

**Appearance** Opaque white

**Physical State** Liquid Aerosol

**Odor** Hydrocarbon-like

### Potential Health Effects

#### Acute Toxicity

**Eyes** Contact with eyes may cause irritation.

**Skin** Substance may cause slight skin irritation. Will bond to skin.

**Inhalation** Irritating to respiratory system. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Inhalation of vapors in high concentration may cause shortness of breath (lung edema).

**Ingestion** May be harmful if swallowed. May cause additional effects as listed under "Inhalation". Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Product may cure in the gastrointestinal tract and form an obstruction. May cause adverse cardiac effects, blood disturbances, and metabolic acidosis.

#### Chronic Effects

Repeated or prolonged exposure may cause central nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest.

#### Aggravated Medical Conditions

Skin disorders. Respiratory disorders. Central nervous system.

#### Interactions with Other Chemicals

Irritants. Use of alcoholic beverages may enhance toxic effects.

#### Environmental Hazard

See Section 12 for additional Ecological information

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Dimethyl ether	115-10-6	1-5
Propane	74-98-6	1-5
Isobutane	75-28-5	1-5

### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash skin with soap and water. If symptoms persist, call a physician.
<b>Inhalation</b>	Move victim to fresh air. If symptoms persist, call a physician. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. Call a physician immediately.
<b>Ingestion</b>	Do not induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Notes to Physician</b>	Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Containers may explode when heated.
<b>Flash Point</b>	-104°C / -155°F
<b>Suitable Extinguishing Media</b>	Use extinguishing agent suitable for type of surrounding fire. Dry chemical or CO2. Water spray, fog or regular foam. Move containers from fire area if you can do it without risk. Damaged cylinders should be handled only by specialists.

#### Explosion Data

<b>Sensitivity to mechanical impact</b>	None
<b>Sensitivity to static discharge</b>	Yes.

**Specific Hazards Arising from the Chemical** Some may burn but none ignite readily. Ruptured cylinders may rocket.

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

**NFPA**                      **Health Hazard** 1                      **Flammability** 4                      **Stability** 0                      **Physical and Chemical Hazards** -

**HMIS**                      **Health Hazard** 1                      **Flammability** 4                      **Stability** 0                      **Personal Precautions** -

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Do not touch or walk through spilled material. Stop leak if you can do it without risk.
<b>Methods for Containment</b>	If possible, turn leaking containers so that gas escapes rather than liquid. Allow substance to evaporate.
<b>Methods for Cleaning Up</b>	Do not direct water at spill or source of leak.
<b>Other Information</b>	Ventilate the area.

### 7. HANDLING AND STORAGE

## 7. HANDLING AND STORAGE

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid contact with skin and eyes. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from open flames, hot surfaces and sources of ignition. Use only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can.
<b>Storage</b>	Keep out of the reach of children. Keep at temperatures below 48.8 °C / 120 °F.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Propane	TWA: 1000 ppm	TWA: 1800 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>	2100 ppm
Isobutane	TWA: 1000 ppm	N/A	N/A

NIOSH IDLH: Immediately Dangerous to Life or Health

<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
-----------------------------	--

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

<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice
-------------------------	---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Opaque white	<b>Odor</b>	Hydrocarbon-like
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Liquid Aerosol
<b>pH</b>	N/A		
<b>Flash Point</b>	-104°C / -155°F	<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>	1.0204	<b>Water Solubility</b>	Soluble in water
<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>	60.0
<b>Viscosity</b>	Not applicable	<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. Temperatures above 48.8 °C / 120 °F.
<b>Incompatible Products</b>	Strong bases. Strong reducing agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating gases and vapors, Formaldehyde, 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
Dimethyl ether			308.5 mg/L ( Rat ) 4 h
Propane		658 mg/kg ( Rat )	
Isobutane			658 mg/L ( Rat ) 4 h

### Subchronic Toxicity (28 days)

**Chronic Toxicity** Repeated or prolonged exposure may cause central nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest.

**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), Eyes, Skin.

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

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Ecotoxicity effects.

Chemical Name	Log Pow
Dimethyl ether	-0.18
Propane	2.3
Isobutane	2.88

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Method</b>	This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with local regulations. Allow foam to cure before disposal.
<b>Contaminated Packaging</b>	Dispose of in accordance with local regulations
<b>US EPA Waste Number</b>	D001

## 14. TRANSPORT INFORMATION

### DOT

Proper Shipping Name Consumer commodity  
Hazard Class ORM-D  
Description Consumer commodity,ORM-D

### TDG

Proper Shipping Name Aerosols  
Hazard Class 2.1  
UN-No UN1950  
Description AEROSOLS,2.1,UN1950

### MEX

Proper Shipping Name Aerosols  
Hazard Class 2.1  
UN-No UN1950  
Description UN1950 Aerosols,2.1

### ICAO

UN-No UN1950  
Proper Shipping Name Aerosols  
Hazard Class 2.1  
Description Aerosols,UN1950

### IATA

UN-No UN1950  
Proper Shipping Name Aerosols, flammable  
Hazard Class 2.1  
ERG Code 10L  
Description UN1950,Aerosols, flammable,2.1

### IMDG/IMO

Proper Shipping Name Aerosols  
Hazard Class 2  
UN-No UN1950  
EmS No. F-D, S-U  
Description UN1950, Aerosols,2

### RID

Proper Shipping Name Aerosols  
Hazard Class 2  
UN-No UN1950  
Classification Code 5A  
Description UN1950 Aerosols,2,RID  
ADR/RID-Labels 2

### ADR

Proper Shipping Name Aerosols  
Hazard Class 2  
UN-No UN1950  
Classification Code 5A  
ADR/RID-Labels 2

### ADN

Proper Shipping Name Aerosols  
Hazard Class 2  
Classification Code 5A  
Special Provisions 63, 190, 191, 277, 913  
Description UN1950 Aerosols,2,  
Hazard Labels 2  
Limited Quantity See SP277

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA	Complies
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:

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
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.

Chemical Name	CAS-No	California Prop. 65
Lead	7439-92-1	Carcinogen Developmental Female Reproductive Male Reproductive
Mercury	7439-97-6	Developmental
Nickel	7440-02-0	Carcinogen
Chloroform	67-66-3	Carcinogen

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

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Ammonia	X	X	X		X
Propane	X	X	X		X
Isobutane	X	X	X		
Dimethyl ether	X	X	X		X
Lead	X	X	X	X	X
Mercury	X	X	X	X	X
Nickel	X	X	X	X	X
Arsenic	X	X	X	X	X
Chloroform	X	X	X	X	X

**International Regulations**

**Mexico - Grade**

Serious risk, Grade 3

The exposure limits values for 101-68-8 are listed under two synonyms:

Diphenylmethane diisocyanate - 0.02 ppm TWA; 0.2 mg/m<sup>3</sup> TWA

Methylene bisphenyl isocyanate - 0.005 ppm TWA; 0.051 mg/m<sup>3</sup> TWA

Chemical Name	Carcinogen Status	Exposure Limits
Ammonia		Mexico: TWA= 18 mg/m <sup>3</sup> Mexico: TWA= 25 ppm Mexico: STEL= 35 ppm Mexico: STEL= 27 mg/m <sup>3</sup>
Lead	A3	
Mercury		Mexico: TWA= 0.05 mg/m <sup>3</sup>
Nickel		Mexico: TWA= 1 mg/m <sup>3</sup>
Arsenic	A1	Mexico: TWA= 0.01 mg/m <sup>3</sup>
Chloroform	A3	Mexico: TWA= 10 ppm Mexico: TWA= 50 mg/m <sup>3</sup> Mexico: STEL= 225 mg/m <sup>3</sup> Mexico: STEL= 50 ppm

**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

D2B Toxic materials



Chemical Name	NPRI
Ammonia	X
Lead	X
Mercury	X
Nickel	X
Arsenic	X
Chloroform	X

**Legend**

NPRI - National Pollutant Release Inventory

**16. OTHER INFORMATION**

**Issuing Date** 01-Mar-2007

**Revision Date**

**Revision Note** No information available

**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**