

JUL 28 1994

Touch 'n Foam®, Reddy® Insulation,
Touch 'n Foam® Exp. Gun Foam - Ozone

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200. Standard must be consulted for specific requirements.

QUICK IDENTIFIER
Common Name: (used on label and list)

SECTION 1 -

Manufacturer's Name Convenience Products

Address

866 Horan Drive

Emergency

Chemtrec

Telephone No.

1-800-424-9300

City, State, ZIP

Fenton, MO 63026-2416

Other Information Calls

Signature of Person

Date

Responsible for Preparation (Optional)

Prepared

8-1-93

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	% (optional)	OSHA PEL	ACGIH TLV	Other Exposure Limits	CAS NO.
Diphenylmethane Diisocyanate +	40-46	0.02ppm	0.005ppm	(0.2mg/m3)	101-68-8
Chlorinated Phosphate	6-9	*NE	*NE	*NE	1-36-74-84-5
Dimethylether	1-2	*NE	*NE	*NE	115-10-6
Propane	4-8		1000ppm	*NE	64-98-6
Isobutane	5-10		800ppm	*NE	75-28-5
Polyether Polyol	25-17	*NE	*NE	*NE	025322-69-4
Polyether Polyol	19-8	*NE	*NE	*NE	0255791-96-2

*Not established +This product contains a toxic chemical (or chemicals) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40 CFR 372).

HMIS Rating: Health 3 Flammability 4 Reactivity 1

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	-43.7°F -42°C	Specific Gravity (H ₂ O=1)	1.0025 g/ml at 25°C	Vapor Pressure (mm Hg)	0°C 70°F	3.62 x 10 82.0
		Vapor Density (Air=1)	Heavier than Air			
Solubility in Water	Reacts		Reactivity in Water			
Appearance and Odor	Gel under pressure/ faint hydrocarbon odor		Melting Point	N/A		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	F. -160° C. -107°	Method Used	Flammable Limits in Air % by Volume	LEL Lower	1.8%	UEL Upper	10%
Auto-Ignition Temperature	Extinguisher Media Dry chemical CO ₂ , high expansion chemical foam, water spray						
Special Fire Fighting Procedures	Fire fighters should wear full self-contained breathing apparatus and full protective clothing.						
Unusual Fire and Explosion Hazards	Avoid storage temperatures above 120°F to prevent can explosions. Avoid water contamination in closed container.						

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Conditions
Stable to Avoid Do not expose to temperatures greater than 120°F.

Incompatibility (Materials to Avoid) Water, amines, strong bases, alcohol, or chlorine, permanganates and dichromates.

Hazardous Decomposition Products By heat and fire, CO₂, oxides of nitrogen and possibly traces of HCN.

Hazardous Polymerization May Occur Conditions
Will Not Occur to Avoid Contaminations by moisture which reacts with isocyanates.

SECTION 6 - HEALTH HAZARDS

1. Acute (Immediate) Possible irritations of mucous membranes. Local discoloration of skin.
2. Chronic (Delayed Effect) Not established.

Signs and Symptoms of Exposure Respiratory, possible asthma-like symptoms.

Medical Conditions Generally Aggravated by Exposure Chronic respiratory problems

Chemical Listed as Carcinogen or Potential Carcinogen Not listed
National Toxicology Program Yes No Not listed
L.A.R.C. Monographs Yes No Not listed
OSHA Yes No Not listed
Not listed

Emergency and First Aid Procedures Inhalation: Remove immediately to fresh air. Skin Contact: Wash area with copious amounts of soap and water, apply petroleum jelly. Eye Contact: Flush with lukewarm water for 15 min., obtain medical attention.

ROUTES OF ENTRY	1. Inhalation	2. Eyes	3. Skin	4. Ingestion
	X	X	X	X

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Always store upright. Storage temperatures: min. 0°F, max. 100°F.
Do not store containers in direct sunlight.

Other Precautions Avoid moisture contamination and temperatures above 120°F.

Steps to be Taken in Case Material is Released or Spilled If can ruptures, protect area from smoke or open flame. Make sure area is adequately ventilated.
Allow foaming process to complete; then dispose according federal, state, and local regulation.

Waste Disposal Methods (Consult federal, state, and local regulations) Dispose of cured foam per to federal, state, and local regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type) N/A

Ventilation	Local Exhaust	Mechanical (General)	Special	Other
	Maintain rate to keep below TLV.	N/A	N/A	N/A

Protective Gloves Rubber gloves.
Eye Protection Safety glasses.

Other Protective Clothing or Equipment See section IV.

Work/Hygienic Practices Wear gloves and safety glasses. Use in well ventilated areas only.