

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT INFORMATION

This MSDS Covers Products:

**Touch 'n Seal® Quick Cure RX,
Touch 'n Seal® Quick Cure High Yield**

**Touch 'n Seal® Fast Gun Foam,
Touch 'n Seal All Direction Dispensing**

Manufacturer:

Convenience Products
866 Horan Drive
Fenton, MO 63026-2416 USA

Emergency Number: 1-800-424-9300 (Chemtrec)
(636) 349-5333 (Convenience Products)

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Approved by Dr. Joe Lott July 23, 2002

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV	PERCENTAGE
Polyurethane Resin	NE*	NE*	NE*	50-85
4,4-Diphenylmethane Diisocyanate	101-68-8	0.02ppm CEIL	0.005ppm TWA	5-15
Chlorodifluoromethane (HCFC-22)	75-45-6	1,000ppm TWA	1,000ppm TWA	15-30

*Not established

** None of the components in this product are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

HMIS	Health 3	Flammability 0	Reactivity 1
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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	HCFC-22 Polyurethane Resin	-41.4°F at 1 ATM NE*
Vapor Pressure	HCFC-22	136 psia at 70°F
Vapor Density (AIR = 1)	HCFC-22	98 at 1 ATM
Specific Gravity (H2O = 1)	Polyurethane Resin	Polyurethane Resin 1
Solubility in Water		Insoluble, reacts with water
Appearance and Odor		Faint ether-like odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point Polyurethane Resin >400°F

Extinguishing Media Water fog, foam, CO₂ or dry chemical

Fire Fighting Procedures Wear self-contained breathing apparatus and turnout gear. Hazardous decomposition products include CO, CO₂, NO, and traces of HCl. Cured foam: Wear self-contained breathing apparatus. Hazardous decomposition products include CO, CO₂, NO, and traces of HCl.

Usual Hazards Temperatures above 120°F will increase the pressure in the can, which may lead to rupturing. Cured foam: This product will burn. Do not expose to heat, sparks, or open flame. This product is not intended for use in applications above 250°F (121°C). Always protect foam with approved facings. This product is not a FIRE STOP or FIRE BARRIER penetration sealant.

SECTION V - REACTIVITY DATA

Stability	Stable under normal storage and handling conditions. Do not store above 120°F. Cured foam will deteriorate when exposed to UV light.
Incompatibility	Water, alcohols, strong bases, finely powdered metal such as aluminum, magnesium or zinc, and strong oxidizers.
Conditions/Hazards to Avoid:	Contamination with water may form CO ₂ . Avoid high heat; i.e., flames, extremely hot metal surfaces, heating elements, combustion engines, etc. Do not store in auto or direct sunlight.

SECTION VI - HEALTH HAZARD DATA

The primary adverse health effects of this material are related to the Polymeric Isocyanate (MDI) component, and, to a lesser degree, Fluorocarbon (Non-Flammable Gas) component. Adequate ventilation should be provided to avoid exceeding the exposure limits of these components. If used indoors, mechanical ventilation or exhaust should be provided during use and until foam is cured.

Inhalation MDI vapors may cause irritation of the mucous membranes of the nose, throat or trachea, which may cause chest discomfort, coughing, and allergic asthma-like sensitivity. Air-borne overexposure well above the PEL may result additionally in eye irritation, headache, chemical bronchitis, asthma-like findings or pulmonary edema.

Inhaling concentrated the Fluorocarbon (Non-Flammable Gas) can cause lightheadedness, headaches, or lethargy. Person with cardiac arrhythmia may be at increased risk in server exposure.

Skin Contact: may result in localized irritation, reddening or swelling. Prolonged or repeated exposure may lead to sensitization and/or dermatitis.

Eyes Contact: may result in eye irritation and mild corneal opacity due to adhesive character.

Ingestion: may cause irritation of mucous membranes in the mouth and digestive tract.

Emergency and First Aid Procedures

Inhalation - Remove to fresh air. Get immediate medical attention.

Skin – Immediately clean wet foam from skin, using Touch n' Foam Cleaner or acetone – do not use water. If foam dries on skin, apply generous amounts of petroleum jelly or lanolin, put on plastic gloves and wait 1 hour. With a clean cloth, firmly wipe off petroleum jelly and repeat process. Do not attempt to remove dried foam with solvent. Cured foam wears off and is not harmful to health.

Eye - In case of eye contact, flush with water for 15 minutes. Get immediate medical attention.

Ingestion - In case of ingestion, get immediate medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Spills/Leaks - Allow foam to cure (harden).

Waste Disposal - Dispose according to federal, state, and local regulations

Container Disposal - Dispose according to federal, state, and local regulations.

Storage - Store in a cool, dry place. Ideal storage temperature is 60°F - 80°F. Storage above 90°F will shorten the shelf life. Do not store above 120°F (49°C). Protect containers from physical abuse. Do not store in auto or in direct sunlight. Store upright.

SECTION VIII - PERSONAL PROTECTION

Respiratory Protection None required if in well ventilated area.

Clothing Wear gloves, coveralls, long sleeve shirts, and head covering to avoid skin contact. Contaminated equipment or clothing should be cleaned after each use or disposed of.

Eye Protection Wear face shield, goggles, or safety glasses.

Ventilation If ventilation is not enough to maintain P.E.L. exhaust area.

SECTION IX - OTHER REGULATORY INFORMATION

SARA - 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 (40CFR 372).

NAME	CAS NO.	AMOUNT
Diphenylmethane Diisocyanate	101-68-8	5-15%

CERCLA - Reportable Quantity - yes ...(40CFR 302.4).....(5000 lb. of Methylene bisphenyl isocyanate)

RCRA Hazardous Waste – No

Diphenylmethane Diisocyanate (cas# 101-68-8) is cited on certain state lists as follow:

NJ2=New Jersey environmental hazardous substance (present at greater than or equal to 1.0%)

NJ3=New Jersey workplace hazardous substance (present at greater than or equal to 1.0%)

PA1=Pennsylvania hazardous substance (present at greater than or equal to 1.0%)

PA3=New Jersey environmental hazardous substance (present at greater than or equal to 1.0%)

CANADIAN REGULATIONS

WHMIS - The Canadian workplace Hazardous Material Information System Classification: This product is not a "controlled Product" under WHMIS.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):

All substances in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to list.

DOT Proper Shipping Name - Consumer Commodity The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use or misuse are beyond our control, Convenience Products makes no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. User should satisfy himself that he has all current data relevant to his particular use.

*NE - Not Established NA - Not Applicable