



MSDS No: 44  
Rev Date: 12/3/2010  
Rev No: 1

## 1 MATERIAL SAFETY DATA SHEET

**Product Name:** TriggerFoam Pro™ All Season  
**Description:** Low temperature, polyurethane insulating filler foam and penetration sealant  
**Supplier:** Powers Fasteners, Inc. 2 Powers Lane, Brewster, NY 10509  
**Customer Service:** 800-524-3244  
**Emergency Phone:** (Chemtrec) Within USA: (800) 424-9300; Outside USA: 001 (703) 527-3887

## 2 INGREDIENTS

	<u>CAS Number</u>	<u>ACGIH TWA</u>	<u>OSHA PEL</u>
Diphenylmethane 4,4'diisocyanate, isomers and homologs	9016-87-9	0.005 ppm	0.02ppm
Tris(1-cloro-2-propyl)phosphate	13674-84-5	NE	NE
Dimethyl ether	115-10-6	1000 ppm	NE
Isobutne/Propellant Mixture	68476-85-7	1000 ppm	NE

NE= Not Established

## 3 SAFE USAGE RECOMMENDATIONS

**Ventilation:** Avoid breathing vapors or mist. Use with adequate ventilation, either natural or mechanical. Sensitized individuals should avoid using this product.

**Eye Protection:** Avoid eye contact. Safety goggles recommended. Wear safety glasses with side shields as a minimum, as product can stick to eyes.

**Skin Protection:** Avoid skin contact. Wear impermeable gloves. Product can adhere to skin and cause a rash or sensitization.

**Respiratory Protection:** Vapor may cause irritation of the breathing tract and sensitization. Use in a well-ventilated area or with a self contained respirator.

**Notice:** For industrial use only. Keep away from children.

## 4 EMERGENCY AND FIRST AID PROCEDURES

**Eyes:** Immediately flush eyes with clean water for 15 minutes and call a physician.

**Skin:** Wash with soap and water. Launder clothing before reuse.  
Seek medical attention if any symptoms develop.

**Inhalation:** If breathing becomes uncomfortable or asthma-like symptoms develop, discontinue use and move to fresh air. Contact physician if symptoms persist.

**Ingestion:** Immediately rinse mouth with water and call a physician. Drink 1-2 glasses of water. Do not induce vomiting unless directed by a physician.

**Other:** Contact a physician if there is any question about the seriousness of the exposure.

## 5 HEALTH HAZARD INFORMATION

**Hazards:** Direct, prolonged contact with product can cause irritation and sensitization to some individuals. Those who develop an allergic response should avoid future use of this product.  
Contents are pressurized for dispensing and are extremely flammable.

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## PHYSICAL CHARACTERISTICS

<b>Appearance:</b>	Orange Foam. Sticky when wet.
<b>Density</b>	1.1
<b>Boiling Point:</b>	NE
<b>(Air=1) Vapor Density:</b>	>1
<b>(Water=1) Evaporation Rate:</b>	NE
<b>Specific Gravity:</b>	1.1
<b>VOC Content:</b>	157g/l
<b>Odor:</b>	Mild
<b>Solubility in Water:</b>	Insoluble
<b>pH:</b>	NE

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## FIRE, HAZARD AND REACTIVITY DATA

<b>Flammability:</b>	Extremely Flammable	<b>Flash Point:</b> -4° F (-20° C)
<b>Stability:</b>	Stable. Hazardous polymerization will not occur.	<b>Boiling Point:</b> NE
<b>Incompatibility:</b>	Strong acids, bases and alcohols.	
<b>Unusual fire or Explosion Hazards:</b>	Extremely flammable. Contains pressurized, flammable propellants. Containers can rupture if exposed to fire or direct heat.	
<b>Extinguishing Media:</b>	Foam, Water, CO <sub>2</sub> , Dry Chemical	
<b>Fire Fighting:</b>	Self-contained breathing equipment recommended.	
<b>Hazardous Combustion Products:</b>	CO, NO <sub>x</sub> , HCN	

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## TRANSPORTATION AND REGULATORY INFORMATION

<b>Hazard Communication:</b>	This MSDS has been prepared in accordance with the federal OSHA Hazard Communication Standard 29 CFR 1910. 1200.		
<b>HMIS Codes:</b>	Health: 2; Flammability: 3; Reactivity: 1. PPE: B (Goggles and gloves)		
<b>US DOT</b>	Proper Shipping Name:	Consumer commodity	ORM-D
<b>Canadian TDGR</b>	Proper Shipping Name:	Consumer commodity	(Aerosols)
		UN1950 Class 2.1,	PG: None
<b>IATA/ICAO</b>	Proper Shipping Name:	AEROSOLS, Flammable	
		UN1950 Class 2.1,	PG: None
<b>IMO/IMDG</b>	Proper Shipping Name:	AEROSOLS	
		UN1950 Class 2.1,	PG: None
	Packing Instructions:	Passenger Aircraft: Y203 or 203	EmS: F-D, S-U
		Cargo Aircraft Only: 203	
<b>TSCA Inventory Status:</b>	Chemical components listed on TSCA inventory.		
<b>SARA Title III, Section 313:</b>	Uncured foam in can contains Diphenylmethane 4,4'-diisocyanate (MDI) Dispensed and cured foam is not regulated.		

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## STORAGE, CLEAN-UP, AND DISPOSAL

<b>Storage:</b>	Store in a cool, dry place between 45° F and 77° F (7° C and 25° C). Do not expose to temperatures above 110° F (43° C).
<b>Spills:</b>	Follow above personal protective measures. Product will harden upon contact with air and moisture. After hardening, scrape up foam and dispose of in a sealable container.
<b>Waste Disposal:</b>	Not regulated if product has been dispensed and cured. Dispose of in accordance with federal, state and local regulations.
<b>EPA Waste Codes:</b>	D001, D003 (aerosol cans)

The information and recommendations provided herein are based on information available to us at the time of preparation. We make no other warranty, expressed or implied, as to its correctness, completeness, or as to the results and reliance of the information.

