



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

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

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FIRE, HAZARD AND REACTIVITY DATA

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

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TRANSPORTATION AND REGULATORY INFORMATION

Hazard Communication:	This MSDS has been prepared in accordance with the federal OSHA Hazard Communication Standard 29 CFR 1910. 1200.		
HMIS Codes:	Health: 2; Flammability: 3; Reactivity: 1. PPE: B (Goggles and gloves)		
US DOT	Proper Shipping Name:	Consumer commodity	ORM-D
Canadian TDGR	Proper Shipping Name:	Consumer commodity	(Aerosols)
		UN1950 Class 2.1,	PG: None
IATA/ICAO	Proper Shipping Name:	AEROSOLS, Flammable	
		UN1950 Class 2.1,	PG: None
IMO/IMDG	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	
TSCA Inventory Status:	Chemical components listed on TSCA inventory.		
SARA Title III, Section 313:	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

Storage:	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).
Spills:	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.
Waste Disposal:	Not regulated if product has been dispensed and cured. Dispose of in accordance with federal, state and local regulations.
EPA Waste Codes:	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.

