



MSDS No: 30  
Rev Date: 5/18/10  
Rev No: 3

## 1 MATERIAL SAFETY DATA SHEET

Product Name: **POWERFOAM™ / TRIGGERFOAM™**  
Description: Polyurethane foam filler, insulating foam, backing foam, 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: 01 (703) 527-3887

## 2 INGREDIENTS

	<u>CAS Number</u>		<u>ACGIH TWA</u>	<u>OSHA PEL</u>
Polymethylene polyphenyl isocyanate	9016-87-9	(as MDI)	0.005 ppm	0.02ppm
Dimethyl ether	115-10-6		1000ppm*	NE
Propane	74-98-6		1000ppm*	1000ppm
Isobutane	75-28-5		1000ppm*	NE

\*Note: The ACGIH TLV listed above is for Dimethyl ether is an AIHA WEEL. The ACGIH TLVVs listed above for Propane and Isobutane are as Aliphatic hydrocarbon gases  
This product is classified as hazardous per OSHA regulations (29CFR 1910-1200).

Abbreviations: 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.

**Notice:** For professional use. 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>	Beige 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>	100 g/l
<b>Odor:</b>	Mild amine-like
<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> 0 <sup>o</sup> F (-18 <sup>o</sup> C) Boiling Point: NE
<b>Stability:</b>	Stable. Hazardous polymerization will not occur.	
<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, CO <sub>x</sub> , HCN, No <sub>x</sub>	
<b>Fire Fighting:</b>	Self-contained breathing equipment recommended.	
<b>Hazardous Combustion Products:</b>	CO, NO, HCN, HCL	

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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: 3, Flammability: 3, Physical Hazard: 1.	PPE: B	Flash Point: 0 <sup>o</sup> F (-18 <sup>o</sup> C)
<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 UN1950 Class 2.1, PG: None		
<b>IMO/MDG</b> Proper Shipping Name:	AEROSOLS UN1950 Class 2.1, PG: None	EmS: F-D, S-U	
Packing Instructions:	Passenger Aircraft: Y203 or 203 Cargo Aircraft Only: 203		
<b>TSCA Inventory Status:</b>	Chemical components listed on TSCA inventory.		
<b>SARA Title III, Section 313:</b>	Contains Polymethylene polyphenyl isocyanate.		

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## STORAGE, CLEAN-UP, AND DISPOSAL

<b>Storage:</b>	Store in a cool, dry place. Keep from freezing and extreme heat, which may shorten shelf life.
<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>	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.









