



**Brick in the Yard**  
**Mold Supply**  
 brickintheyard.com  
 (214)575-5600  
 521 Sterling Dr  
 Richardson, TX 75081

# Prop Foam 4 Part A

## Safety Data Sheet

according to Federal Register/Vol. 77, No.58/Monday, March 26, 2012/Rules and Regulations  
 Revision Date: 10/14/2014 Date of issue: 10/14/2014

### SECTION 1: IDENTIFICATION

#### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** Prop Foam A Component (polymeric MDI)

#### 1.2. Intended Use of the Product

**Use of the substance/mixture:** Component of a two-part polyurethane system.

#### 1.3. Name, Address, and Telephone of the Responsible Party

**Company**

**Brick in the Yard**  
 521 Sterling Dr  
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 (214) 575-5600

#### 1.4 Emergency Telephone Number

**Emergency Number :** Chemtrec (800) 424-9300 or (703)527-3887

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

**Classification (GHS-US)**

Acute Tox. 2 (inhalation:dust,mist)	H330
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Resp. Sens. 1	H334
STOT SE 3	H335
STOT RE 2	H373

#### 2.2. Label Elements

**GHS-US Labeling**

**Hazard Pictograms (GHS-US) :**



**Signal Word (GHS-US):** Danger

**Hazard Statements (GHS-US)**

- H315 - Causes skin irritation
- H319 - Causes Serious eye irritation
- H330 - Fatal if inhaled
- H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H335 - May cause respiratory irritation
- H373 - May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements (GHS-US)**

- P260 - Do not breathe mist, spray, vapors
- P264 - Wash hands, forearms, and exposed areas thoroughly after handling
- P271 - Use only outdoors or in a well-ventilated area
- P280 - Wear eye protection, face protection, protective clothing, protective gloves
- P284 - Wear eye protection, face protection, protective clothing, protective gloves
- P 302+P352 - IF ON SKIN: Wash with plenty of soap and water
- P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. remove contact lenses, if present and easy to do. Continue rinsing
- P310 - Immediately call a POISON CENTER/doctor/physician if you feel unwell
- P314 - Get medical advice and attention if you feel unwell
- P320 - Specific treatment is urgent (see Section 4)
- P332+P313 - If skin irritation occurs: Get medical advice/attention
- P337+P313 - If skin irritation occurs: Get medical advice/attention
- P337+P313 - If eye irritation persists: Get medical advice/attention
- P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
- P-362 - Take off contaminated clothing and wash before reuse
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed
- P405- Store locked up
- P501- Dispose of contents/container according to local, regional, national, and international regulations

**2.3. Other Hazards**

**Other Hazards Not Contributing to the Classification:** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

**2.4. Unknown Acute Toxicity (GHS-US)**

No data available

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substance**

not applicable

Full text of H-phrases: see section 16

**3.2. Mixture**

Name:	Product identifier:	%	Classification (GHS-US)
Isocyanic acid, polymethylenepolyphenylene ester	(CAS No) 9016-87-9	100	Acute Tox. 2 (inhalation:dust,mist)/ H330 Skin Irrit. 2, H315 Eye Irrit, 2A, H319 Resp, Sens. 1, H334 STOT SE 3, H335 STOT RE 2, H373

Full text of H-phrases: see section 16

**SECTION 4: FIRST AID MEASURES****4.1. Description of First Aid Measures**

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible)

**First-aid Measures After inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention immediately.

**First-aid Measures After Skin Contact:** Rinse immediately with plenty of water. Obtain medical attention if irritation develops or persists.

**First-aid Measures After ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/Injuries:** Fatal if inhaled. Causes skin irritation. Causes eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Causes damage to organs through prolonged or repeated exposure.

**Symptoms/Injuries After Inhalation:** Fatal if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.

**Symptoms/Injuries After Skin Contact:** Causes skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes serious eye irritation.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** Causes damage to organs through prolonged or repeated exposure.

**4.3 Indication of Any Immediate Medical attention and Special Treatment Needed**

If you feel unwell, seek medical advice (show the label where possible).

**SECTION 5: FIRE-FIGHTING MEASURES****5.1. Extinguishing Media**

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

**5.2. Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**5.3. Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Other Information:** Refer to Section 9 for flammability properties.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

**6.1.1. For Non-emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.



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### 6.1.2 For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Stop leak if safe to do so. Eliminate ignition source. Ventilate area.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely. Prepare a decontamination solution of 0.2%-0.5% liquid detergent and 3-8% concentrated ammonium hydroxide in water (5-10% sodium carbonate may be substituted for ammonium hydroxide). Allow deactivated material to stand for at least 30 minutes before shoveling into drums. Do not tighten the bungs. Mixing with wet earth is also effective, but slower. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill

### 6.4. Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Products:** Strong acids. Strong bases. Strong oxidizers.

### 7.3 Specific End Uses(s)

Component of a two-part polyurethane system.

## SECTION 8: HANDLING AND STORAGE

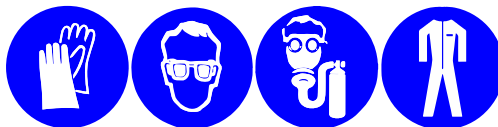
### 8.1. Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

### 8.2. Exposure Controls

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Protective goggles. Gloves. Protective clothing. Respiratory protection of dependent type.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**Environmental Exposure Controls:** Do not allow the product to be released into the environment.

**Consumer Exposure Controls:** Do not eat, drink or smoke during use.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	: Liquid
<b>Appearance</b>	: Brown
<b>Odor</b>	: Musty
<b>Odor Threshold</b>	: No data available
<b>pH</b>	: No data available
<b>Relative Evaporation Rate (butylacate=1)</b>	: No data available
<b>Melting Point</b>	: No data available
<b>Freezing Point</b>	: No data available
<b>Boiling Point</b>	: >300°C(>572°F)
<b>Flash Point</b>	: >93.3°C(>200°F)
<b>Auto-ignition Temperature</b>	: >600°C(>1100°F)
<b>Decomposition Temperature</b>	: No data available
<b>Flammability (solid, gas)</b>	: No data available
<b>Vapor Pressure</b>	: 0.000004 mm Hg
<b>Relative Vapor Density at 20°C</b>	: 8.5 (Air=1)
<b>Relative Density</b>	: No data available
<b>Specific Gravity</b>	: 1.23
<b>Solubility</b>	: No data available
<b>Partition coefficient: n-octano/water</b>	: No data available
<b>Viscosity</b>	: No data available

**SECTION 10: STABILITY AND REACTIVITY**

- 10.1 Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2 Chemical Stability:** Stable under recommended handling and storage conditions.(see section 7).
- 10.3 Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4 Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Ignition sources.  
Incompatible materials.
- 10.5 Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers. Moisture.
- 10.6 Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides.  
Hydrogen cyanide.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information On Toxicological Effects**

**Acute Toxicity:** Fatal if inhaled.

<b>Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)</b>	
<b>LC50 Inhalation Rat (mg/l)</b>	490 mg/m <sup>3</sup> (Exposure time: 4 h)
<b>ATE (Oral)</b>	49000.000 mg/kg
<b>ATE (Dust/Mist)</b>	0.050 mg/l/4h

**Skin Corrosion/Irritation:** Causes skin irritation.

**Serious Eye Damage/Irritation:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

<b>Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)</b>	
<b>IARC group</b>	3

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** May cause respiratory irritation.

**Specific Target Organ Toxicity (Repeated Exposure):** May cause damage to organs through prolonged or repeated exposure.

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Fatal if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled> May cause respiratory irritation.

**Symptoms/Injuries After Contact:** Cause skin irritation.

**Symptoms/Injuries After Eye Contact:** Cause serious eye irritation.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** Causes damage to organs through prolonged or repeated exposure.



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### SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Toxicity:** No additional information available
- 12.2 Persistence and Degradability:** No additional information available
- 12.3 Bioaccumulative Potential:** No additional information available
- 12.4 Mobility in Soil:** No additional information available
- 12.5 Other Adverse Effects**
- Other Information** : Avoid release to the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1. Waste Treatment methods**
- Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international.
- Ecology-Waste Materials:** Avoid release to the environment

### SECTION 14: TRANSPORT INFORMATION

- 14.1 In Accordance with DOT**
- Proper Shipping Name:** OTHER REGULATED SUBSTANCES, LIQUID, N.O.S.(Methylene Diphphenyl Diisocyanate)
- Hazard Class:** 9
- Identification Number:** NA3082
- Label Codes:** 9
- Packing Group:** III
- 14.2 In Accordance with IMDG:** Not regulated for transport
- 14.3 In Accordance with IATA:** Not Regulated for transport



### SECTION 15: REGULATORY INFORMATION

#### 15.1 US Federal Regulations

UTC - A Component (Polymeric MDI)	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)	
Listed on the United States TSCA (Toxic Substance Control Act) Inventory	
Listed on SARA Section 313 (Specific toxic chemical listings)	
SARA Section 313 - Emission Reporting	1.0%

#### 15.2 US State Regulations

Isocyanic acid, polymethylenepolyphenylene ester (9016-87-9)
U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Massachusetts - Toxics Use Reduction Act
U.S. - Minnesota - Chemicals of High Concern
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances
U.S. - New Jersey - Environmental Hazardous Substances List
U.S. - New Jersey - Right to Know Hazardous Substances List
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening levels - Short Term

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

- Revision date** : 10/14/2014
- Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases:**

Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Resp. Sens. 1	Respiratory sensitisation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation
H219	Causes serious eye irritation
H330	Fatal if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure

**NFPA Health Hazard** : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

**NFPA Fire Hazard** : 1 - Must be preheated before ignition can occur.  
: 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.

**HMIS III Rating**

**Health** : 2 Moderate Hazard  
**Flammability** : 1 Slight Hazard  
**Physical** : 1 Slight Hazard

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

SDS US (GHS HazCom)