SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: Canned Foam Sealant
MSDS Manufacturer Number: 10013642
Synonyms: Foam Sealant Gaps & Cracks, Foam Sealant Big Gaps, Foam Sealant Window & Doors, Foam Sealant Fireblock, ProPink ONE All Purpose Foam Sealant, ProPink SubZero Foam Sealant
Product Use/Restriction: Insulating foam sealant designed to fill cracks, crevices and smaller cavities on flat or irregular surfaces.
Manufacturer Name: Owens Corning Insulating Systems, LLC
Address: One Owens Corning Parkway
Toledo, OH 43659
Customer Service Phone Number: 1-800-GET-PINK or 1-800-438-7465
Health Issues Information: 1-419-248-8234 (8am-5pm ET)
Technical Product Information: 1-800-GET-PINK or 1-800-438-7465
Emergency Phone Number: 1-419-248-5330 (after 5pm ET and weekends)
CHEMTREC: 800-424-9300 (24 hours everyday)
Canutec: (613) 996-6666 (Canada 24 hours everyday)
Website: www.owenscorning.com
MSDS Creation Date: December 13, 2010
MSDS Revision Date: December 13, 2010

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>Ingredient Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4’-methylenediphenyl disiocyanate</td>
<td>101-68-8</td>
<td>5 - 10 by weight</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1 - 5 by weight</td>
</tr>
<tr>
<td>dimethyl ether</td>
<td>115-10-6</td>
<td>5 - 10 by weight</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>5 - 10 by weight</td>
</tr>
<tr>
<td>Urethane pre-polymer blend (using non-hazardous proprietary polyol blend)</td>
<td>NA</td>
<td>60 - 100 by weight</td>
</tr>
<tr>
<td>Higher oligomers of MDI (pMDI)</td>
<td>9016-87-9</td>
<td>5 - 10 by weight</td>
</tr>
</tbody>
</table>

SECTION 3 - HAZARDS IDENTIFICATION

**Applies to Product**

Emergency Overview: DANGER! Extremely Flammable
Vapors may cause flash fire. May cause eye, skin, nose, throat and respiratory tract irritation. May cause allergic skin reaction. Harmful if inhaled. Contents under pressure; storage temperature should not exceed 120F (49C) in order to avoid excessive pressure build-up and possible container rupture. Vapor reduces oxygen available for breathing. May cause lung injury. Respiratory sensitizer. May cause central nervous system effects. May cause liver damage. Toxic gases/fumes may be given off during burning.

Potential Health Effects: The primary adverse health effects of this product are related to the individual components that make-up the mixture; Polymeric Isocyanate (pMDI) component and Liquefied Petroleum Gas (Hydrocarbon, HC) component. These products should be used in a well ventilated area to avoid exceeding the exposure limits of these components (listed in section 8 of this MSDS). If used indoors, mechanical ventilation or exhaust should be provided during use and until product is cured (see Section 8).

Eye: May cause eye irritation. Foam contact can cause physical damage due to its adhesive characteristics. Vapors may cause slight temporary corneal injury.

Skin: May cause localized irritation, reddening or swelling. Prolonged or repeated exposure may lead to sensitization. May cause an allergic reaction. Prolonged skin exposure is unlikely to result in absorption of harmful amounts. Foam will stick to skin causing irritation upon removal. (See section 8 for PPE guidelines.)
Inhalation:
Vapors may irritate mucous membranes with tightness of chest, coughing, wheezing, or allergic asthma-like sensitivity. Extensive overexposure can lead to respiratory symptoms such as asthma and pulmonary edema. These diseases may be aggravated by prolonged exposure. Excessive exposure may cause irritation to upper respiratory tract and lungs. Over exposure to Hydrocarbons Gas mixture may cause lightheadedness, headaches and lethargy. Persons with cardiac arrhythmia may be at increased risk in severe exposure. In poorly ventilated areas, vapor can easily accumulate and can cause unconsciousness and death due to displacement of oxygen. Excessive exposure may aggravate pre-existing conditions such as asthma, emphysema, bronchitis, etc.

Ingestion:
May cause irritation of mucous membranes in the mouth and digestive tract. Small amounts swallowed as a result of normal handling are not likely to cause injury; swallowing large amounts may cause injury.

SECTION 4 - FIRST AID MEASURES

Eye Contact:
Immediately flush with clean water for at least 15 minutes and obtain medical attention. If the person is wearing contact lenses, flush initially 5 minutes, remove lenses and then flush for an additional 15 minutes. Contact a physician.

Skin Contact:
Use a rag to remove liquid from skin and remove contaminated clothing. May cause mild irritation or temporary darkening of the skin. Persistent washing with soap and water will eventually remove all residues. If irritation persists, obtain medical attention.

Inhalation:
If breathing difficulty is experienced, move to area free from exposure. Provide fresh air. If necessary, provide oxygen or artificial respiration by trained personnel and obtain medical attention. Persons receiving significant exposure should be observed for 24-48 hours for signs of respiratory distress.

Ingestion:
Drink 1 to 3 glasses of water and seek immediate medical attention. Do not induce vomiting. Never give anything orally to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

Fire Fighting Instructions:
Isolate area and deny unnecessary access. Stay upwind. water is not recommended unless used in large quantities as a fine spray when other extinguishing agents are not available. water may spread fire

Extinguishing Media:
Dry chemical, carbon dioxide, foam or water spray (if used in large quantities)

Protective Equipment:
Wear self-contained breathing apparatus to protect against toxic decomposition by-products. Wear all turnout gear (boots, trousers, helmet, gloves and hood)

Unusual Fire Hazards:
Contains flammable propellant. Eliminate ignition sources. High temperatures will raise the pressure in the containers, which may lead to rupturing. Aerosol cans exposed to fire or high temperature can rupture and rocket. Cured foam is organic and therefore will burn in the presence of sufficient heat, oxygen and an ignition source. Main hazards associated with burning foam are similar to burning of other organic materials (wood, paper, etc.) and precautions against exposure should be taken accordingly. Dense smoke is produced when the product is burned. Avoid welding or other hot work in the vicinity of exposed cured foam.

Hazardous Combustion Byproducts:
Carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen fluoride and traces of hydrogen cyanide.

NFPA Ratings:

<table>
<thead>
<tr>
<th>NFPA Health</th>
<th>NFPA Flammability</th>
<th>NFPA Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personnel Precautions:
Wear skin, eye and respiratory protection and equipment (See section 8). Ventilate area. Vapors can accumulate in low areas,

Environmental Precautions:
Containment should include preventing spills from entering drains, sewers and waterways.

Spill Cleanup Measures:
Uncured product is very sticky, so carefully remove the bulk of foam by scraping it up and then immediately remove the residue with a rag and solvent such as polyurethane cleaner, mineral spirits, acetone (nail polish remover), paint thinner, etc. Once the product is cured, it can only be removed mechanically by scraping, buffing, etc. Dispose as plastic waste (foam plastic) in accordance with all applicable guidelines and regulations.

Before disposing of containers, relieve container of any remaining foam and pressure. Allow product to fully cure before disposing. Never discard in a liquid state.

SECTION 7 - HANDLING and STORAGE
Handling: Extremely flammable aerosol compressed gas. Keep away from sources of heat, sparks and flames. Remove all ignition sources. Turn off all pilot lights. Do not smoke. Wear proper personal protective equipment when using the product. Use only in well ventilated areas.

Storage: Store in a dry place. Ideal storage temperature is 60F to 80F (15.5C to 26.6C). Do not expose aerosol cans to open flame or temperatures above 120F (49C). Excessive heat can cause premature aging of components resulting in a shorter shelf life. Storage below 55F (12.7C) may affect foam quality if chemicals are not warmed to room temperature before using. Always store containers upright. KEEP AWAY FROM CHILDREN

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls: Use products only in a well ventilated area. Use local and general exhaust ventilation to control levels of exposure. The odor and irritancy of this material are inadequate to warn of excessive exposure.

Eye/Face Protection: Use safety glasses or goggles. An eye wash station should be in the area.

Skin Protection Description: Avoid contact with skin. Use clothing that protects against dermal exposure.

Hand Protection Description: Use chemically resistant gloves. Nitrile/butadiene rubber, butyl rubber, polyethylene, PVC (vinyl) or neoprene gloves are also effective. Glove selection should take into account potential body reaction to certain materials and manufacturer's instructions for use.

Respiratory Protection: If atmospheric levels are expected to exceed the exposure levels, use a NIOSH approved air purifying respirator equipped with an organic vapor cartridge and a particulate filter (N95). If atmospheric levels exceed 10 times the TLV or PEL level for which an air-purifying respirator is effective, use a powered air-purifying respirator (PAPR). The type of respiratory protection selected must comply with the requirements of OSHA's Respiratory Protection Standard (29 CFR 1910.134).

EXPOSURE GUIDELINES

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>USA</th>
<th>Guideline OSHA</th>
<th>Guideline NIOSH</th>
<th>Guideline ACGIH</th>
<th>Quebec Canada</th>
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<tr>
<td>4,4'-methylene diphenyl diisocyanate</td>
<td>PEL-Ceiling/Peak: 0.02 ppm</td>
<td>REL-TWA: 0.005 ppm, REL-TWA: 0.005 ppm</td>
<td>REL-TWA: 0.005 ppm, REL-TWA: 0.005 ppm</td>
<td>REL-TWA: 0.005 ppm, REL-TWA: 0.005 ppm</td>
<td></td>
</tr>
<tr>
<td>Dimethyl ether</td>
<td>WEL-TWA: 1000 ppm</td>
<td>OSHA-TWA: 500 ppm</td>
<td>TLV-TWA: 100 ppm</td>
<td></td>
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<tr>
<td>Isobutane</td>
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<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Ontario Canada</th>
<th>Alberta Canada</th>
<th>Mexico</th>
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<td>4,4'-methylene diphenyl diisocyanate</td>
<td>DEL-TWA: 0.005 ppm</td>
<td>VEMP-TWA: 0.005 ppm</td>
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</tr>
<tr>
<td>Propane</td>
<td>TWAEV-TWA: 1000 ppm as Propane TWAEV-TWA: 2500 ppm as Propane</td>
<td>VEMP-TWA: 1000 ppm</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State: Viscous liquid which turns to foam upon release from can

Color: Off-white to yellowish

Odor: Slight hydrocarbon odor during curing stage.

Boiling Point: -28F to 11F for Liquefied petroleum gas component

Melting Point: No data available

Specific Gravity: 1.1 (H2O = 1)

Solubility: Insoluble

Vapor Density: Contents under pressure have vapor pressure greater than 50 psig/345 kPa. After release from container vapor pressure is very low.

Vapor Pressure: No information.

Evaporation Rate: No information.

pH: No information.

Viscosity: No information.

Coefficient of Water/Oil Distribution: No information.

Oxidizing Properties: No information.

SECTION 10 - STABILITY and REACTIVITY
Chemical Stability: Stable under normal and anticipated storage conditions. Do not store above 120°F (49°C). For longest shelf life, avoid storage above 90°F (32.2°C).

Conditions to Avoid: High temperatures will raise the pressure of the container, which may lead to rupturing. Product use is temperature sensitive. Avoid temperatures below 40°F (5°C) or temperatures above 95°F (35°C).

Incompatible Materials: Alcohols, strong bases or amines, metal compounds, ammonia and strong oxidizers.

Special Decomposition Products: Thermal decomposition by-products can include; carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen fluoride and traces of hydrogen cyanide can be released.

SECTION 11 - TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Carcinogens:</th>
<th>ACGIH</th>
<th>NIOSH</th>
<th>OSHA</th>
<th>IARC</th>
<th>NTP</th>
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<th>MEXICO</th>
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<tr>
<td>4,4’-methylene diisocyanate</td>
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<td>Group 3 - Not Classifiable as to its Carcinogenicity to Humans.</td>
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<td>Not listed</td>
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<td>Not listed</td>
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<tr>
<td>Higher oligomers of MDI (pMDI)</td>
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<td>No Data</td>
<td>No Data</td>
<td>Group 3 - Not Classifiable as to its Carcinogenicity to Humans.</td>
<td>No Data</td>
<td>No Data</td>
<td></td>
</tr>
</tbody>
</table>

4,4’-methylene diisocyanate:

Acute Effects: Methylenediphenyl diisocyanate (MDI) exposure can cause irritation to the eyes, skin and mucous membranes. Exposure to MDI can cause allergic skin reaction, allergic lung reaction with asthma-like symptoms, and reduces pulmonary function.

Eye:
- Eye - Rabbit Standard Draize test.: 100 mg - [Moderate ](RTECS)

Skin:
- Skin - Rabbit Standard Draize test.: 500 mg/24H(RTECS)

Inhalation:
- Inhalation - Rat LC50: 178 mg/m3 - [Details of toxic effects not reported other than lethal dose value] (RTECS)

Ingestion:
- Inhalation - Rat LD50: 9200 mg/kg - [Behavioral - Somnolence (general depressed activity); Behavioral - Ataxia; Nutritional and Gross Metabolic - Body temperature decrease]

dimethyl ether:

RTECS Number: PM4780000

Inhalation:
- Inhalation - Rat LC50: 308 gm/m3 [Behavioral - General anesthetic]
- Inhalation - Rat LC50: 309 gm/m3 [Details of toxic effects not reported other than lethal dose value]
- Inhalation - Mouse LC50: 93000 mg/m3/15M [Behavioral - Changes in motor activity (specific assay) Behavioral - Coma Lungs, Thorax, or Respiratory - Respiratory depression]
- Inhalation - Mouse LC50: 72000 mg/m3/30M [Behavioral - Changes in motor activity (specific assay) Behavioral - Coma Lungs, Thorax, or Respiratory - Respiratory depression]

Isobutane:

RTECS Number: TZ4300000

Inhalation:
- Inhalation - Rat LC50: 57 pph/15M [Behavioral - Tremor Behavioral - Convulsions or effect on seizure threshold Lungs, Thorax, or Respiratory - Respiratory depression]
- Inhalation - Rat LC50: 858000 mg/m3/4H [Details of toxic effects not reported other than lethal dose value]

Higher oligomers of MDI (pMDI):

Eye:
- Eye - Rabbit Standard Draize test.: 100 mg - [mild](RTECS)

Skin:
- Skin - Rabbit LD50: >9400 mg/kg - [Details of toxic effects not reported other than lethal dose value](RTECS)

Inhalation:
- Inhalation - Rat LC50: 490 mg/m3/4H - [Sense Organs and Special Senses (Eye) - effect, not otherwise specified Lungs, Thorax, or Respiratory - Respiratory depression Blood - Hemorrhage] (RTECS)

Ingestion:
- Inhalation - Rat LD50: 49 gm/kg - [Behavioral - Somnolence (general depressed activity) Gastrointestinal - Hypermotility, diarrhea Nutritional and Gross Metabolic - Body temperature decrease] (RTECS)

SECTION 12 - ECOLOGICAL INFORMATION

Applies to Product: Canned Foam Sealant

Product Code: 10013642
Ecotoxicity: No data available for this material.

Bioaccumulation: Not available.

Biodegradation: Not available.

Mobility In Environmental Media: Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Applies to Product:

Waste Disposal: DO NOT DISPOSE OF PRODUCT INTO DRAINS, SEWERS, WATERWAYS, GROUNDWATER, or SOIL
DO NOT INCINERATE CONTAINERS
Before disposing of containers, relieve container of any reaming foam and pressure. Allow product to fully cure before disposing. Never discard in a liquid state. Always wear safety glasses or goggles, nitrile gloves, and clothing that protects against dermal exposure when disposing of product.
Dispose of empty containers according to applicable federal, state, provincial and local regulations. Check with your local waste disposal service for guidance.

Regulations may vary indifferent locations. This information only pertains to the product shipped in its intended condition as described in the MSDS section: Composition.

SECTION 14 - TRANSPORT INFORMATION

DOT Shipping Name: Consumer Commodity Polyurethane Foam Sealant HC

DOT Hazard Class: Consumer Commodity ORM-D

SECTION 15 - REGULATORY INFORMATION

Inventory Status

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Japan ENCS</th>
<th>EINECS Number</th>
<th>Philippines PICCS</th>
<th>South Korea KECL</th>
<th>Australia AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4'-methylene diphenyl diisocyanate</td>
<td>(4)-118</td>
<td>202-966-0</td>
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<td>Listed: KECl Number - KE-1208D</td>
<td>Listed: Assessed by NICNAS: No</td>
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<tr>
<td>Propane</td>
<td></td>
<td>200-827-9</td>
<td>Listed</td>
<td>KE-29258</td>
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<tr>
<td>dimethyl ether</td>
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<td>204-065-8</td>
<td>Listed: KECl Number - KE-27704</td>
<td>Listed: Assessed by NICNAS: No</td>
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<tr>
<td>Isobutane</td>
<td>(2) -4</td>
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<td>KE-24865</td>
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<tr>
<td>Higher oligomers of MDI (pMDI)</td>
<td>(7) -872</td>
<td>618-498-9</td>
<td>Listed: KECl Number - KE-21487</td>
<td>Listed: Assessed by NICNAS: No</td>
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<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Canada DSL</th>
<th>TSCA Inventory Status</th>
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<tbody>
<tr>
<td>4,4'-methylene diphenyl diisocyanate</td>
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<tr>
<td>Propane</td>
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<tr>
<td>dimethyl ether</td>
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<td>Listed</td>
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<tr>
<td>Isobutane</td>
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</tr>
<tr>
<td>Higher oligomers of MDI (pMDI)</td>
<td>Listed</td>
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</tbody>
</table>

Applies to Product:

Canada WHMIS: Controlled - Class A:Compressed Gas, Class: D2B Toxic

CA PROP 65: Based on information currently available, this product is not known to contain detectable amounts of any chemicals currently listed under California Proposition 65

4,4'-methylene diphenyl diisocyanate:

Canada IDL: Identified under the Canadian Hazardous Products Act Ingredient Disclosure List: 0.1%.663(717)

Section 313: EPCRA - 40 CFR Part 372 - (SARA Title III) Section 313 Listed Chemical.

Clean Air Act: Listed

Higher oligomers of MDI (pMDI):

Section 313: EPCRA - 40 CFR Part 372 - (SARA Title III) Section 313 Listed Chemical.
<table>
<thead>
<tr>
<th></th>
<th>RI</th>
<th>MN</th>
<th>IL</th>
<th>PA</th>
<th>MA</th>
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<table>
<thead>
<tr>
<th></th>
<th>NJ</th>
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</thead>
<tbody>
<tr>
<td>4,4’-methylenediphenyl</td>
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<td>disocyanate</td>
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</table>

**SECTION 16 - ADDITIONAL INFORMATION**

| HMIS Health Hazard:     | 2   |
| HMIS Fire Hazard:       | 3   |
| HMIS Reactivity:        | 1   |
| HMIS Personal Protection:| X   |
| MSDS Creation Date:     | December 13, 2010 |
| MSDS Revision Date:     | December 13, 2010 |

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