

TRI-BUILT LOW RISE FOAM CANISTERS PART TWO

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME:	TRI-BUILT LOW RISE FOAM CANISTERS PART TWO		
PRODUCT USE:	ONE COMPONENT OF A TWO-COMPONENT POLYURETHANE SYSTEM	DISTRIBUTED BY:	Beacon Sales Acquisition, Inc.
MANUFACTURER:	OMG, Inc.	ADDRESS:	505 Huntmar Park Drive, Suite 300 Herndon, VA 20170
ADDRESS:	153 Bowles Road Agawam, MA 01001 USA	PHONE:	571-323-3939
PHONE:	Phone: (01) 413-789-0252 Fax: (01) 413-786-1453 www.OMGRoofing.com	INTERNET:	www.becn.com
EMERGENCY PHONE:	Chemtrec: 800-424-9300		
EFFECTIVE DATE:	12/23/2019		

2. HAZARDS IDENTIFICATION

Classifications: Acute Oral Toxicity: Hazard Category 4
 Gases Under Pressure: Compressed Gas
 Physical Hazards Not Otherwise Classified: None
 Health Hazards Not Otherwise Classified: None

Symbols: Exclamation Point
 Gas Cylinder



Signal Word: Warning

Hazard Statements: Harmful if swallowed.
 Contains gas under pressure; may explode if heated.

Precautionary Statements: Wash hands and forearms thoroughly after handling.
 Do not eat, drink or smoke when using this product.
IF SWALLOWED: Call a Poison Center or doctor if you feel unwell. Rinse mouth.
 Protect from sunlight. Store in a well-ventilated place.
 Dispose of contents/container in accordance with applicable regulations.

EMERGENCY OVERVIEW

Harmful if swallowed. There are no known serious health effects from inhalation or skin contact. See Section #7 for recommendations on proper handling and work practices, and Section #8 for recommendations on personal protective equipment.

This product is formulated to be mixed with another component (OlyBond Canisters Part 1) that, if handled improperly, may cause potentially serious health effects such as respiratory irritation, asthma-like symptoms, and/or respiratory sensitization. Do not handle or mix the two components together until you have read and understood that information in the *Safety Data Sheets* for both components.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percentage</u>	<u>Impurities</u>
Diethylene Glycol	111-46-6	1-10	None known
Polypropylene Glycol	25322-69-4	30-40	None known

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4. FIRST AID MEASURES

Eyes:	Hold eyes open and flush with lukewarm water for at least 15 minutes. Seek immediate medical assistance.
Skin:	Remove contaminated clothing. Wash affected areas with soap and water for at least five minutes. If irritation occurs or persists, seek medical attention. Launder or dry-clean clothing before reuse.
Ingestion:	DO NOT induce vomiting. If the subject is conscious, wash mouth and give 2 or more cups of milk or water. Seek immediate medical assistance. Do not attempt to give anything by mouth to an unconscious or convulsive person.
Inhalation:	If signs and symptoms of respiratory toxicity are observed, remove subject from area and seek immediate medical attention. Keep the subject warm and at rest. If necessary, administer oxygen or perform artificial respiration if necessary and qualified personnel are available to do so.
Guidance for Physician or Poison Control Center:	None of the components of this product are acutely toxic by inhalation. Harmful if swallowed. Eye contact can cause mild irritation. Skin contact can cause mild irritation. Ingestion is unlikely to occur in industrial use, but if ingestion occurs it may cause nausea, vomiting, and gastrointestinal irritation. Chronic ingestion can cause kidney injury.

5. FIREFIGHTING MEASURES

Extinguishing Media:	Water spray, carbon dioxide, dry chemical or chemical foam. DO NOT use water jet.
Fire and Explosion Hazards:	The container may burst if exposed to elevated temperatures, spilling the contents. This product may ignite if exposed to sources of ignition at temperatures above its flash point. If present in a fire or explosion, potential thermal decomposition byproducts include carbon monoxide, smoke, and irritant decomposition byproducts.
Firefighting Instructions:	If fighting a fire in which this product is present, wear a self-contained breathing apparatus with full-facepiece operated in pressure-demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Methods and Materials:	Absorb spilled material with a sorbent such as sawdust, vermiculite, or calcium silicate hydrate. When absorbed, transfer to an impervious container.
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Personal Precautions: Avoid contact with skin, eyes, and mucous membranes. Wear appropriate personal protective equipment (see Section #8) during cleanup and decontamination.

Environmental Precautions: Prevent spills from entering sewers or contaminating soil.

7. HANDLING AND STORAGE

Handling Precautions: Containers should be kept tightly closed to prevent contact with moisture and other chemicals. Do not reuse empty containers for any purpose. When handling the product, avoid contact with eyes, skin, and clothing, using protective equipment as needed. Do not use this product around children and secure it away from children.

Work and Hygiene Practices: To prevent ingestion or contact following use of the product, wash hands and face before eating, drinking, applying cosmetics, or using tobacco. Remove contaminated clothing and protective equipment before entering eating/drinking areas.

Storage Precautions: Store containers tightly sealed in a dry, well-ventilated, area away from incompatible materials (see Section #10). Recommended temperature range for storage is 55-85°F. (12.8-29.4°C.).

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredients	<u>Ingredient</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Exposure Limits:	Diethylene Glycol	None	None
	Polypropylene Glycol	None	None
	1,1,1,2-Tetrafluoroethane	None	None

Ingredients	<u>Ingredient</u>	<u>Biological Limit(s)</u>
Biological Limits:	Diethylene Glycol	No ACGIH BEIs or other biological limits
	Polypropylene Glycol	No ACGIH BEIs or other biological limits
	1,1,1,2-Tetrafluoroethane	No ACGIH BEIs or other biological limits

Engineering Controls: Use appropriate ventilation (dilution or local exhaust) whenever this product is used in conjunction with OlyBond Canisters, Part 1 in conditions where natural ventilation is restricted.

Eye/Face Protection: Wear eye protection adequate to prevent eye contact with the product. Plastic-frame spectacles with side shields, chemical goggles, or a face shield are recommended.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION (continued)

Skin Protection: Wear protective gloves and clothing to prevent skin irritation or injury from contact with the product. Glove materials known to be effective against permeation by this product include butyl rubber, nitrile rubber, and polyvinyl alcohol.

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Respiratory Protection: If an exposure level to a component exceeds an applicable standard, use a NIOSH-approved respirator of a class and configuration effective for protection from the component(s) generated. Consult OSHA regulations (29CFR1910.134) and/or American National Standard Z88.2 (ANSI, New York, NY 10036, USA) for guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: red viscous liquid	Lower Explosive Limit: not determined
Odor: mildly sweet	Upper Explosive Limit: not determined
Odor threshold: not determined	Vapor pressure: >200 psi
pH: not determined	Vapor density: not determined
Melting point: not determined	Evaporation Rate: not determined
Freezing point: not determined	VOCs: not determined
Boiling point: not determined	Relative density (H ₂ O): approx. 1.03
Boiling range: not applicable (aerosol)	Solubility (H ₂ O): partial
Flash Point: not applicable (aerosol)	Oil-water partition coefficient: not determined
Autoignition Point: not determined	Decomposition temperature: not determined
Flammability Class: not applicable (aerosol)	Viscosity: not determined

10. STABILITY AND REACTIVITY

Stability:	Stable
Reactivity:	Polymerizes with isocyanate-containing substances
Hazardous Polymerization:	Will not occur
Risk of Dangerous Reactions:	None reasonably foreseeable
Incompatible Materials:	Oxidizing agents
Potential Decomposition Byproducts:	Carbon monoxide, carbon dioxide, smoke, and irritant decomposition byproducts

11. TOXICOLOGICAL INFORMATION

<u>Ingredients Toxicology Data</u>	<u>LD₅₀ Oral</u>	<u>LD₅₀ Dermal</u>	<u>LC₅₀</u>
Diethylene Glycol	14,850 mg/kg (rat)	11,890 mg/kg (hamster)	No data available
Polypropylene Glycol	500-2000 mg/kg (rat)	>10,000 mg/kg (rabbit)	No data available
1,1,1,2-Tetrafluoroethane	No data available	No data available	>2,300 mg/l. (rat)

Primary Route(s) of Entry: Inhalation; ingestion

11. TOXICOLOGICAL INFORMATION (continued)

Eye Hazards:	This product may cause mild eye irritation.
Skin Hazards:	This product may cause mild skin irritation. Irritation may be more

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	pronounced on abraded skin.
Ingestion Hazards:	Ingestion may cause nausea, vomiting, and/or gastrointestinal irritation.
Inhalation Hazards:	Inhalation of toxicologically-significant quantities of ingredients is unlikely when the product is used in a well-ventilated area and in accordance with instructions.
Symptoms Related to Overexposure:	Inhalation overexposure may cause respiratory irritation.
Delayed Effects from Long Term Overexposure:	Long-term ingestion may damage the kidneys and the gastrointestinal system.
Carcinogenicity:	No ingredients are classified as potential or confirmed human carcinogens by OSHA, NTP, or IARC.
Germ Cell Mutagenicity:	No ingredients have been determined to be germ cell mutagens.
Reproductive Toxicity:	No ingredients have been determined to be damaging to fertility or to the unborn child.
Acute Toxicity Estimates:	LD ₅₀ (oral): 1124 mg/kg LD ₅₀ (dermal): >10,000 mg/kg LC ₅₀ : no data available
Interactive Effects of Components:	No data available

12. ECOLOGICAL INFORMATION

Diethylene Glycol	Aquatic Toxicity to Fish: LC ₅₀ = >100 mg/l. for 96 h. (fathead minnows) Aquatic Toxicity to Invertebrates: EC ₅₀ = >10,000 mg/l. for 48 h. (daphnia) Readily biodegradable.
Polypropylene Glycol	Aquatic Toxicity to Fish: LC ₅₀ = >100 mg/l. for 96 h. (bluegill sunfish) Aquatic Toxicity to Invertebrates: EC ₅₀ = >100 mg/l. for 48 h. (daphnia) Not readily biodegradable
1,1,1,2-Tetrafluoroethane	Aquatic Toxicity to Fish: LC ₅₀ = 450 mg/l. for 96 h. (rainbow trout) Aquatic Toxicity to Invertebrates: EC ₅₀ = 950 mg/l. for 48 h. (daphnia) Aquatic Toxicity to Plants: EC ₅₀ = 118 mg/l. for 72 h. (algae) No data available for Aquatic Toxicity to Microorganisms, Toxicity to Terrestrial Organisms, Persistence and Degradability, Bioaccumulation Potential, or Mobility in Soil.
Ozone Depletion Potential:	This product neither contains nor is manufactured with any ingredients known to deplete the ozone layer.

13. DISPOSAL CONSIDERATIONS

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Do not discharge waste product into sanitary or storm sewers or allow it to contaminate soil. Empty containers should be decontaminated prior to disposal. Consult applicable Federal, State/Provincial, and local regulations.

14. TRANSPORTATION INFORMATION

Proper Shipping Name: Chemical Under Pressure, n.o.s.
 (contains fluorinated hydrocarbon, nitrogen)
 Identification Number: UN3500
 Hazard Class: 2.2
 Packing Group: not applicable

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA Information: All ingredients of this product are listed in the TSCA Registry.

SARA Hazard Classes: Refer to Section 2 for the OSHA Hazard Classification

EPCRA Section 313 Notification: This product contains no ingredients in concentrations $\geq 1\%$ ($\geq 0.1\%$ for carcinogens) regulated under Section 313 of the *Emergency Planning and Community Right-To-Know Act* of 1986 or 40 CFR 372.

Canadian Regulatory Information

All ingredients in this product are listed in the Domestic Substances List (DSL) or the Nondomestic Substances List (NDSL).

This product has been classified in accordance with Canada's *Hazardous Products Regulations* (SOR/DORS/2015-15).

16. OTHER INFORMATION

Hazardous Materials Information System (HMIS III) Ratings (Legend):	<u>Health</u>	<u>Flammability</u>	<u>Physical Hazard</u>	<u>PPE</u>
	1	1	0	See Note
	(slight hazard)	(slight hazard)	(minimal hazard)	

Note regarding PPE: OMG, Inc. recommends use of protective eyewear and skin protection (Personal Protection Index "B") as standard PPE for the anticipated conditions of use of this product. However, HMIS recommends that its ratings be used only in conjunction with a fully implemented HMIS program, and that specific PPE codes should be created by the user, who is familiar with the actual conditions under which the product is used. We cannot anticipate every condition of the product's use, and it is the user's responsibility to evaluate the hazards pertinent to its specific operations, and to determine the specific PPE required.

16. OTHER INFORMATION (continued)

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National Fire Protection Association (NFPA) Ratings:	<u>Health</u> 1	<u>Flammability</u> 1	<u>Reactivity</u> 0
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