



## SAFETY DATA SHEET 2170

Rev. 6, 2/19/2021

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: OlyBond 500 Winter Part 2 - Bag In Box, SpotShot Cartridges , Drums  
Supplier: GAF 24-hour Emergency Response Number:  
1 Campus Drive Chemtrec: 800-424-9300  
Parsippany, NJ 07954  
USA  
Phone: 1-877-GAF-ROOF

Product Use(s): One component of a two-component polyurethane system

### 2. HAZARDS IDENTIFICATION

Classifications: Not classified as hazardous.

Symbols: None

Signal Word: None

Hazard Statements: None

Precautionary Statements: None

### EMERGENCY OVERVIEW

Eye contact with this product may cause mild irritation. 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 (OlyBond500 Winter 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	<10	None known

### 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:	This product is not acutely toxic by ingestion or inhalation. 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.

### 5. FIREFIGHTING MEASURES

Extinguishing Media:	Water spray, carbon dioxide, dry chemical or chemical foam. DO NOT use water jet.
Fire and Explosion Hazards:	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.
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. HANDING 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	<b><u>Ingredient</u></b>	<b><u>OSHA PEL</u></b>	<b><u>ACGIH TLV</u></b>
Exposure Limits:	Diethylene Glycol	None	None

Ingredients	<b><u>Ingredient</u></b>	<b><u>Biological Limit(s)</u></b>
Biological Limits:	Diethylene Glycol	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 500 Spot Shot 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. Do not wear contact lenses when working with this product.

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.

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  
 Odor: mildly sweet  
 Odor threshold: not determined  
 pH: not determined  
 Melting point: not determined  
 Freezing point: not determined  
 Boiling point: not determined

## 9. PHYSICAL AND CHEMICAL PROPERTIES (continued)

Boiling range: not determined  
Flash Point: approx. 375°F./191°C.  
Autoignition Point: not determined  
Flammability Class: IIIB  
Lower Explosive Limit: not determined  
Upper Explosive Limit: not determined  
Vapor pressure: not determined  
Vapor density: not determined  
Evaporation Rate: not determined  
VOCs (per EPA Method 24): 11.00 grams/liter  
Relative density (H<sub>2</sub>O): approx. 1.02  
Solubility (H<sub>2</sub>O): partial  
Oil-water partition coefficient: not determined  
Decomposition temperature: not determined  
Viscosity: 390-530 cps

## 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>LD<sub>50</sub> Oral</u>	<u>LD<sub>50</sub> Dermal</u>	<u>LC<sub>50</sub></u>
Diethylene Glycol	16,500 mg/kg (rat)	13,330 mg/kg (hamster)	>4.6 mg/L/4h rat

Primary Route(s) of Entry: Inhalation; ingestion  
Eye Hazards: This product may cause mild eye irritation.  
Skin Hazards: This product may cause mild skin irritation. Irritation may be more pronounced on abraded skin.  
Ingestion Hazards: The product is not classified as toxic by ingestion, but 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 chronic ingestion may damage the kidneys and the gastrointestinal system.

**11. TOXICOLOGICAL INFORMATION (continued)**

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<sub>50</sub> (oral): >2,000 mg/kg  
LD<sub>50</sub> (dermal): >2,000 mg/kg  
LC<sub>50</sub>: no data available

**12. ECOLOGICAL INFORMATION**

Diethylene Glycol: Diethylene Glycol: Aquatic Toxicity to Fish: LC50 = >100 mg/l. for 96 h. (fathead minnows) Aquatic Toxicity to Invertebrates: EC50 = >10,000 mg/l. for 48 h. (daphnia)  
Readily biodegradable.  
Ozone Depletion Potential: This product neither contains nor is manufactured with any ingredients known to deplete the ozone layer.

**13. DISPOSAL CONSIDERATIONS**

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**

Transport of the product is not regulated by USDOT, TDG (Canada), IATA, or IMO.

**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 ≥1% (≥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)  
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> 1 (slight hazard)	<u>Flammability</u> 1 (slight hazard)	<u>Physical Hazard</u> 0 (minimal hazard)	<u>PPE</u> See Note
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**16. OTHER INFORMATION (continued)**

Note regarding PPE: GAF 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.

National Fire Protection Association (NFPA) Ratings:	<u>Health</u> 1	<u>Flammability</u> 1	<u>Reactivity</u> 0
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Revision Information: Date of Prior SDS: 3/5/2018

**DISCLAIMER**

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