

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: OlyBond 500 Part 1

Supplier:

GAF. 1 Campus Drive Parsippany, NJ 07054 USA Phone: 1-800-766-3411 24-hour Emergency Response Number: Chemtrec: 800-424-9300

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

2. HAZARDS IDENTIFICATION

- Classifications: Acute Toxicity, Inhalation: Hazard Category 4 Respiratory Sensitization: Hazard Category 1 Skin Sensitization: Hazard Category 1 Skin Irritation: Hazard Category 2 Eye Irritation: Hazard Category 2A Specific Target Organ Toxicity, Single Exposure: Hazard Category 3 Specific Target Organ Toxicity, Repeated Exposure: Hazard Category 2
- Symbols: Health Hazard Exclamation Point



- Signal Word: Danger
- Hazard
 Statements:
 May be harmful if inhaled, and may cause allergy or asthma symptoms, breathing difficulties, and/or respiratory irritation.
 May cause an allergic skin reaction.
 May cause skin irritation and serious eye irritation.
 May cause damage to the respiratory system and/or skin through prolonged or repeated exposure.

Precautionary Do not breathe mist, spray, or vapors. Statements: Use only outdoors or in a well-ventilated area. In case of inadequate ventilation wear proper respiratory protection. Wear protective gloves and eye/face protection. Wash hands and forearms thoroughly after handling. Get medical advice/attention if you feel unwell.

IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms or if you feel unwell, call a doctor or Poison Control Center.

IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash before reuse. Contaminated work clothing must not be allowed out of the workplace. If skin irritation or rash occurs, get medical advice/attention.

2. HAZARDS IDENTIFICATION (continued)

Precautionary Statements: (continued) **IF IN EYES:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Store locked up in a well-ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with applicable regulations. The acute toxicities of <10% of the product's ingredients are unknown.

EMERGENCY OVERVIEW

Overexposure to components of this product by inhalation may cause respiratory irritation, asthma-like symptoms, and/or respiratory sensitization. The supplier has conducted an exposure assessment under representative working conditions, and has determined that exposure in excess of the OSHA *Permissible Exposure Limit* is not likely when the product is used in an outdoor environment in accordance with instructions and safe work practices.

Skin contact may cause irritation and/or allergy-like symptoms, and eye contact may cause severe irritation. Avoid skin and eye contact, using proper personal protective equipment as needed. See Section #7 for recommendations on proper handling and work practices, and Section #8 for recommendations on personal protective equipment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Diphenylmethane Diisocyanate Mixed Isomers	<u>CAS Number</u> 26447-40-5	<u>Percentage</u> <10	Impurities None known
4,4'-Methylene Bisphenyl Isocyanate	101-68-8	38 <u>+</u> 1	None known
Polymeric Isocyanates	9016-87-9	<55	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 persists or a rash occurs, 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: Inhalation exposure can irritate the respiratory tract and induce respiratory sensitization. Treatment of acute irritation and bronchial constriction should be done according to symptoms. Eye contact can cause moderate to severe irritation. Skin contact can cause moderate irritation, and may elicit an allergic response among susceptible individuals. Treat eye and skin irritation or injury according to symptoms. Extended medical treatment may be necessary for individuals exhibiting respiratory sensitization and/or skin disorders.

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 in excess of its flash point. If present in a fire or explosion, potential thermal decomposition byproducts include carbon monoxide, oxides of nitrogen, organic isocyanates, and hydrogen cyanide.
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 or calcium silicate hydrate. When absorbed, transfer to an impervious container. Neutralize with solution of 8-10% sodium carbonate and 2% liquid detergent in water (10:1 ratio of solution to product). Do not seal container, as CO_2 will be released. Neutralize in a well-ventilated area for at least 48 hours before sealing containers for disposal
	area for at least 48 hours before sealing containers for disposal.

Personal Precautions: Avoid contact with skin, eyes, and mucous membranes. Wear appropriate personal protective equipment (see Section #8) during cleanup and decontamination. Restrict unauthorized personnel during cleanup and disposal operations.

Environmental Prevent spills from entering sewers or contaminating soil.

Precautions:

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 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: Keep containers tightly sealed during storage. Store in a dry, wellventilated area away from sources of ignition and 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	Ingredient	<u>OSHA PEL</u>	ACGIH TLV	
Exposure Limits:	Diphenylmethane Diisocyanate Mixed Isomers	None	None	
	4,4'-Methylene Bisphenyl Isocyanate	0.02 ppm "C"	0.005 ppm TWA	
	Polymeric Isocyanates	None	None	

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION (continued)

Ingredients Biological	Ingredient	Biological Limit(s)	
Limits:	Diphenylmethane Diisocyanate Mixed Isomers	No ACGIH BEIs or other biological limits	
	4,4'-Methylene Bisphenyl Isocyanate	No ACGIH BEIs or other biological limits	
	Polymeric Isocyanates	No ACGIH BEIs or other biological limits	
Engineering Controls:	Use appropriate ventilation (dilution or ventilation is restricted or inadequate components within their applicable stand	to maintain concentrations of all	
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 isocyanates include butyl rubber, nitrile rubber, and polychloroprene.		
Respiratory Protection:	If an exposure level to a component exc a NIOSH-approved respirator of a class protection from the component(s) gene the OSHA <i>Permissible Exposure Limit</i> (contained breathing apparatus (SCBA) regulations (29CFR1910.134) and/or A	ss and configuration effective for erated. Where exposures exceed <i>PEL</i>), an airline respirator or self- is recommended. Consult OSHA	

(ANSI, New York, NY 10036, USA) for guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: dark brown liquid Odor: aromatic Odor threshold: not determined pH: not applicable Melting point: not determined. Freezing point: not determined Boiling point: ≥200°F./93°C. Boiling range: not determined Flash Point: approx. 484°F./220°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 (H2O): approx. 1.22 Solubility (H2O): reactive Oil-water partition coefficient: not determined Decomposition temperature: not determined Viscosity: 150-350 cps

10. STABILITY AND REACTIVITY

Stability:	Stable
Reactivity:	May react with water and incompatible materials
Hazardous Polymerization:	May occur at temperatures >392°F./200°C.
Risk of Dangerous Reactions:	None reasonably foreseeable
Incompatible Materials: Potential Decomposition Byproducts:	Water, alcohols, acids, alkalis, and amines Carbon monoxide, carbon dioxide, nitrogen oxides, isocyanates, and hydrogen cyanide

11. TOXICOLOGICAL INFORMATION

Ingredients Toxicology	/ Data	LD ₅₀ Oral	LD ₅₀ Dermal	LC ₅₀
Diphenylmethane Diisocyanate Mixed Isomers		>5,000 mg/kg (rat)	No data available	2,240 mg/m ³ for 1 hour (rat)
4,4'-Methylene Bisphe Isocyanate	enyl	>5,000 mg/kg (rat)	No data available	2,240 mg/m ³ for 1 hour (rat)
Polymeric Isocyanate	es	No data available	No data available	No data available
Primary Route(s) of Entry:	Inhala	tion; ingestion		
Eye Hazards:	This p	roduct may cause mod	derate to severe eye i	rritation.
Skin Hazards:		roduct may cause mild tial to cause skin sensi		
Ingestion Hazards:		roduct is nontoxic by ir ng, and/or gastrointest		n may cause nausea,
Inhalation Hazards:	unlike	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:		tion overexposure t		
Delayed Effects from Long Term Overexposure:	Long-term inhalation overexposure to this product may result in respiratory sensitization, which may be irreversible.			
Carcinogenicity:	Methy pulmo level. anoma the c occup no s	gle inhalation study ex lene Bisphenyl Isoconary tumor among 60 Observations of pul alies in the test anima ause(s) of the tumo ationally exposed to the trong association o ogenicity.	cyanate identified a animals exposed at monary fibrosis and ls precluded definitive or. Epidemiological	a single malignant the highest exposure d other pathological e determination as to studies of humans s product have found
Germ Cell Mutagenicity:		gredients have been de	etermined to be germ	cell mutagens.
Reproductive Toxicity:		gredients have been de born child.	etermined to be dama	ging to fertility or to

11. TOXICOLOGICAL INFORMATION (continued)

Acute Toxicity	LD ₅₀ (oral): no data available
Estimates:	LD ₅₀ (dermal): no data available
	LC ₅₀ : no data available
	Interactive effects of components: no data available

12. ECOLOGICAL INFORMATION

Diphenylmethane Diisocyanate, Isomers and Homologues:	Aquatic Toxicity to Fish: $LC_{50} > 1,000 \text{ mg/l.}$ for 96 h. (zebra fish) Aquatic Toxicity to Invertebrates: $EC_{50} > 1,000 \text{ mg/l.}$ for 24 h. (daphnia) Aquatic Toxicity to Plants: $EC_{50} > 1,640 \text{ mg/l.}$ for 72 h. (algae) Aquatic Toxicity to Microorganisms: $EC_{50} > 100 \text{ mg/l.}$ for 3 h. (bacteria) Toxicity to Terrestrial Organisms: NOEC=1,000 mg/kg for 14 d. (worms) No data available for Persistence and Degradability, Bioaccumulation Potential, or Mobility in Soil.
Polymeric Isocyanates:	No data available for Aquatic Toxicity to Fish, Invertebrates, Plants, or 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

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: SARA Hazard Classes:	All ingredients of this product are listed in the TSCA Registry. Acute Health Hazard, Chronic Health Hazard, Reactivity Hazard
EPCRA Section 313 Notification:	 This product contains these ingredients in concentrations ≥1% (for carcinogens ≥0.1%) regulated under Section 313 of the <i>Emergency Planning and Community Right-To-Know Act</i> of 1986 or 40 CFR 372: 1. 4,4'-Methylene Bisphenyl Isocyanate (CASRN 101-68-8) 2. Polymeric Isocyanantes (CASRN 9016-87-9)
CERCLA Information:	Under requirements of the <i>Comprehensive Environmental Response,</i> <i>Compensation, and Liability Act</i> (CERCLA), 4,4'-Methylene Bisphenyl Isocyanate (CASRN 101-68-8) has a <i>Reportable Quantity</i> of 5,000 lbs. Any spill or release above this <i>RQ</i> must be reported to the National Response Center (800-424-8802).

Canadian Regulatory Information

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

16. OTHER INFORMATION

Hazardous Materials Information System	Health 2*	<u>Flammability</u> 1	<u>Physical Hazard</u> 1	<u>PPE</u> See
(HMIS III) Ratings	(moderate hazard,	(slight hazard)	(slight hazard)	Note
(Legend):	"*" indicating potential			
	for chronic effects)			

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	<u>Health</u>	Flammability	Reactivity
Protection Association	2	2	1
(NFPA) Ratings:			

Revision Information: Date of Prior SDS: not applicable

DISCLAIMER

This information relates to the specific material designated and may not be valid for such material used on combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.



SAFETY DATA SHEET

Rev. 1, 10/25/2016

PRODUCT AND COMPANY IDENTIFICATION

Product Name: OlyBond 500 Part 2 Supplier: GAF 1 Campus Drive Parsippany, NJ 07954 USA Phone: 1-800-766-3411

24-hour Emergency Response Number: Chemtrec: 800-424-9300

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

HAZARDS IDENTIFICATION 2. Classifications: Eye Irritation: Hazard Category 2B Specific Target Organ Toxicity, Repeated Exposure: Hazard Category 2 Symbols: Health Hazard **Exclamation Point** Signal Word: Warning Hazard May cause eye irritation. Statements: May cause damage to the kidneys and/or gastrointestinal system through prolonged or repeated exposure. Precautionary Do not breathe mist, spray, or vapors. Wash hands and forearms thoroughly after handling. Statements: Get medical advice/attention if you feel unwell.

IF IN EYES: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Dispose of contents/container in accordance with applicable regulations.

EMERGENCY OVERVIEW

Eye contact with this product may cause irritation. Chronic ingestion may damage the kidneys and/or gastrointestinal system. 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 500 Spot Shot, 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

Ingredient	CAS Number	Percentage	Impurities
Diethylene Glycol	111-46-6	<10	None known
Dipropylene Glycol	25265-71-8	<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: None of the components of this product are acutely toxic by ingestion or inhalation. Eye contact can cause mild to moderate 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: 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 Exposure Limits:	Ingredient Diethylene Glycol Dipropylene Glycol	<u>OSHA PEL</u> None None	<u>ACGIH TLV</u> None None
Ingredients Biological Limits:	Ingredient Diethylene Glycol Dipropylene Glycol	Biological No ACGIH BEIs or ot No ACGIH BEIs or ot	her 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 (H₂O): approx. 1.02 Solubility (H₂O): 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

Ingredients Toxicology I	Data <u>LD50 Oral</u>	LD ₅₀ Dermal	LC ₅₀
Diethylene Glycol	14,850 mg/kg (rat)	11,890 mg/kg (hamster)	No data available
Dipropylene Glycol	12,565 mg/kg (rat)	>20,000 mg/kg (rabbit)	No data available
Primary Route(s) of Entry:	Inhalation; ingestion		
Eye Hazards:	This product may cause mi	ld to moderate eye i	rritation.
Skin Hazards:	This product may cause mild skin irritation. Irritation may be more pronounced on abraded skin.		
Ingestion Hazards:	The product is nontoxic 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 ₅₀ (oral): >10,000 mg/kg LD ₅₀ (dermal): >10,000 mg/kg LC ₅₀ : no data available Interactive effects of components: no data available

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No ecotoxicity data are available for the product or its components.
Ozone Depletion Potential:	This product neither contains nor is manufactured with any ingredients
Folential.	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: SARA Hazard	All ingredients of this product are listed in the TSCA Registry. Acute Health Hazard, Chronic Health Hazard
Classes:	
EPCRA Section 313 Notification:	This product contains no ingredients in concentrations $\ge 1\%$ ($\ge 0.1\%$ for carcinogens) regulated under Section 313 of the <i>Emergency Planning</i> and Community Right-To-Know Act of 1986 or 40 CFR 372.

Canadian Regulatory Information

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

16. OTHER INFORMATION

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

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

Revision Information: Date of Prior SDS: not applicable

DISCLAIMER

This information relates to the specific material designated and may not be valid for such material used on combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.