



SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: OlyBond 500™ Green Part 2 (Green)
TRADE NAME: N/A
**CHEMICAL NAME /
SYNONYM:** Polyurethane System Resin Component
CHEMICAL FAMILY: N/A
MANUFACTURER: GAF
ADDRESS: 1 Campus Drive, Parsippany, NJ 07054
**24-HOUR EMERGENCY
PHONE (CHEMTREC):** 800 – 424 – 9300
INFORMATION ONLY: 800 – 766 – 3411
PREPARED BY: Corporate EHS
APPROVED BY: Corporate EHS

SECTION 2: HAZARD IDENTIFICATION

NFPA and HMIS RATINGS:

	NFPA Hazard Rating		HMIS Hazard Rating
	1		1
	0		0
	0		0
Special Hazards	-	Personal Protection	X

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Eye Irritant - Category 2A
Skin Irritant - Category 2
Respiratory Irritant
Target Organ (SE) - Category 2
Target Organ (RE) - Category 2

GHS PICTOGRAMS:



SIGNAL WORD: Warning

HAZARD

STATEMENTS:

May cause damage to organs through prolonged or repeated exposure
 Causes skin irritation
 Serious eye irritation
 Harmful if swallowed
 May cause respiratory irritation

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Inhalation, Ingestion, Skin contact

SIGNS & SYMPTOMS OF EXPOSURE

EYES: May cause eye irritation.

SKIN: Not expected to be a skin irritant. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

INGESTION: Harmful if swallowed.

INHALATION: Avoid breathing vapors or mists. Prolonged or excessive inhalation may cause respiratory tract irritation.

ACUTE HEALTH HAZARDS: N/A

CHRONIC HEALTH HAZARDS: N/A

CARCINOGENICITY: Ethylene Oxide is classified as a Group 1 carcinogen (carcinogenic to humans) by the International Agency for Research on Cancer (IARC).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	%	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Ethylene Oxide	75-21-8	<0.1	1 ppm	1 ppm	<0.1 ppm
Diethylene Glycol	111-46-6	<10	NE	NE	NE
Dipropylene Glycol	25265-71-8	<10	NE	NE	NE

NE = Not Established

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES: After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN: Get medical attention if irritation develops or persists.

INHALATION: Move individual away from exposure and into fresh air. Get medical attention if irritation develops or persists.

INGESTION: Do not induce vomiting. Get immediate medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: N/A

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA: Water, Carbon dioxide, foam or dry chemical. Do not use a direct water stream.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide

RECOMMENDED FIRE FIGHTING PROCEDURES: Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

UNUSUAL FIRE & EXPLOSION HAZARDS: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Stop spill at source, dike area of spill to prevent spreading. Absorb spill with inert material such as dry sand or earth and place in a chemical waste container.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid extreme temperatures. Keep container closed when not in use. Store in a cool dry place, (60.1° F – 80.1° F). Shelf life is 18 months at 80.1° F. Keep away from heat and flame.

OTHER PRECAUTIONS: None.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Local exhaust ventilation or other engineering controls may be needed to control airborne levels below recommended exposure limits.

RESPIRATORY PROTECTION: If workplace exposure limit(s) of product or any component is exceeded, a NIOSH-approved respirator is advised in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.

EYE PROTECTION: Safety glasses should be worn.

SKIN PROTECTION: Selection of specific PPE such as boots, gloves, aprons, and full body suit will depend on operation.

OTHER PROTECTIVE EQUIPMENT: N/A

WORK HYGIENIC PRACTICES: Wash hands thoroughly after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Dark green liquid with a slight sweet odor.		
FLASH POINT:	375.1° F	LOWER EXPLOSIVE LIMIT:	No data
METHOD USED:	PMCC	UPPER EXPLOSIVE LIMIT:	No data
EVAPORATION RATE:	No data	BOILING POINT:	No data
pH (undiluted product):	No data	MELTING POINT:	No data
SOLUBILITY IN WATER:	Slight	SPECIFIC GRAVITY:	No data
VAPOR DENSITY:	No data	PERCENT VOLATILE:	No data
VAPOR PRESSURE:	No data	MOLECULAR WEIGHT:	No data
VOC WITH WATER (LBS/GAL):	No data	WITHOUT WATER (LBS/GAL):	No data

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY: STABLE UNSTABLE

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): N/A

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: Will not occur if handled and stored properly.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal.

RCRA HAZARD CLASS: None.

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT TRANSPORTATION

PROPER SHIPPING NAME: N/A

HAZARD CLASS: N/A

ID NUMBER: N/A

PACKING GROUP: N/A

LABEL STATEMENT: N/A

OTHER:

N/A

SECTION 15: REGULATORY INFORMATION**U.S. FEDERAL REGULATIONS**

TSCA: This product and its components are listed on the TSCA 8(b) inventory.

CERCLA: Ethylene Oxide 75-21-8 RQ: 10 lbs

SARA

311 / 312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: 75-21-8, Ethylene Oxide, 0.1%

CALIFORNIA PROPOSITION 65: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm. Cancer: Ethylene Oxide. Reproductive: Ethylene Oxide

Other state regulations may apply. Check individual state requirements. The following components appear on one or more of the following state hazardous substances lists:

Chemical Name	CAS #	CA	MA	MN	NJ	PA	RI
Ethylene Oxide	75-21-8	Yes	Yes	Yes	Yes	Yes	Yes
Diethylene Glycol	111-46-6	No	No	No	No	No	Yes
Dipropylene Glycol	25265-71-8	No	No	No	No	No	No

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: N/A

DATE OF PREVIOUS MSDS: October 2013

CHANGES SINCE PREVIOUS MSDS: Headquarters Address Change

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