



SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Everguard – Gray Pourable Sealer – Urethane Base – Part B

TRADE NAME: N/A

**CHEMICAL NAME /
SYNONYM:** N/A

CHEMICAL FAMILY: Urethane

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
	2		2
	0		0
	0		0
Special Hazards	-	Personal Protection	X

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Eye Irritant - Category 2A
Skin Irritant - Category 2
Skin Sensitizer - Category 1
Respiratory Irritant
Respiratory Sensitizer
Target Organ (SE) - Category 3
Target Organ (RE) - Category 2
Carcinogen - Category 2
Acute Toxicity - Category 4
Hazardous to the Aquatic Environment (chronic) - Category 1

GHS PICTOGRAMS:



SIGNAL WORD: Danger

HAZARD STATEMENTS:

May cause damage to organs through prolonged or repeated exposure
Causes skin irritation
Causes serious eye irritation
May cause an allergic reaction
May cause respiratory irritation
May cause allergy or asthma symptoms or breathing difficulties if inhaled
Suspected of causing cancer
Harmful if inhaled
Toxic to aquatic life with long lasting effects

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Dermal contact, Skin absorption, Eye contact, Inhalation and Ingestion.

SIGNS & SYMPTOMS OF EXPOSURE

- EYES:** Liquid, aerosols or vapors are irritating and can cause tearing, reddening and swelling. If left untreated, corneal damage can occur and injury is slow to heal.
- SKIN:** Isocyanates react with skin protein and moisture and can cause irritation, which may include reddening, rash or blistering.
- INGESTION:** Can result in irritation and corrosive action in the mouth, stomach tissue and digestive tract. Symptoms can include sore throat, abdominal pains, nausea, vomiting and diarrhea.
- INHALATION:** Certain operations such as material heating may generate vapor or aerosol concentrations sufficient to cause irritation. Excessive exposure may irritate upper respiratory tract, causing sensitization in susceptible individuals. MDI concentrations below the exposure guidelines may cause allergic reactions to such persons. Symptoms include coughing, difficulty in breathing and a feeling of tightness in the chest. Such effects may be delayed.
- ACUTE HEALTH HAZARDS:** See signs and symptoms above.
- CHRONIC HEALTH HAZARDS:** Prolonged contact may cause skin and or respiratory sensitization.
- CARCINOGENICITY:** N/A
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	33%	NE	NE	NE
4,4' Methylene Bisphenyl Isocyanate (MDI)	101-68-8	10-30%	CEIL 0.2 mg/m ³	0.051 mg/m ³	0.05 mg/m ³
Non-Hazardous Ingredients	-	36-57%			

NE=Not Established

SECTION 4: FIRST AID MEASURES**FIRST AID PROCEDURES**

- EYES:** Flush with large amounts of water for at least 15 minutes. Consult a Physician if ill effects or irritation occurs.
- SKIN:** Remove contaminated clothing. Wash affected skin thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. Seek medical attention if irritation develops or persists after the area is washed.
- INHALATION:** If irritation, headache, nausea or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation persists. Asthmatic-type symptoms may develop and may be immediate or delayed up to several hours. Consult a physician if this occurs.
- INGESTION:** Do not induce vomiting. Wash mouth out with water. Do not give anything by mouth to an unconscious person. Consult a physician.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: N/A

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA: CO₂, Dry Chemical, Foam and water spray for large fires.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide, Carbon dioxide and Methylene Bisphenyl

Isocyanate vapors.

RECOMMENDED FIRE FIGHTING PROCEDURES:

Full emergency equipment with self – contained breathing apparatus and full protective clothing should be worn by firefighters.

UNUSUAL FIRE & EXPLOSION HAZARDS:

At temperatures greater than 400° F (204° C), polymeric MDI can polymerize and decompose which can cause pressure build-up in closed containers. Explosive rupture is possible. Therefore, use cold water to cool fire-exposed containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Ventilate the area and remove all ignition sources. Contain the spill by building a dike using absorbent materials. Collect the remainder of the spill with absorbent material and place the material into a drum approved for waste disposal. For a minor spill, absorb with sawdust or other absorbent and shovel into open top containers. Keep away from water. Cover mops and brooms with plastic and dispose by incineration

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Use personal protection recommended in section 8. Store in a cool dry area away from incompatible materials.

OTHER PRECAUTIONS: Liquids are incinerated. Solids are incinerated or land filled. Empty plastic or steel drums should be decontaminated by filling with water and allowed to stand for 48 hours. Drain, triple rinse & hole drums to prevent re-use. The undamaged, empty decontaminated container may also be offered for reconditioning and recycling. Follow all local, state and federal laws.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: N/A

RESPIRATORY PROTECTION: A NIOSH approved respirator if this product is used in a spray.

EYE PROTECTION: Wear safety glasses or goggles to avoid eye contact.

SKIN PROTECTION: Wear impervious gloves such as vinyl to minimize contact with skin.

OTHER PROTECTIVE EQUIPMENT: N/A

WORK HYGIENIC PRACTICES: Wash thoroughly after handling and before eating or drinking.

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Mild hydrocarbon odor, black colored liquid.		
FLASH POINT:	N/A	LOWER EXPLOSIVE LIMIT:	N/A
METHOD USED:	N/A	UPPER EXPLOSIVE LIMIT:	N/A
EVAPORATION RATE:	N/A	BOILING POINT:	N/A
pH (undiluted product):	N/A	MELTING POINT:	N/A
SOLUBILITY IN WATER:	N/A	SPECIFIC GRAVITY:	1.10
VAPOR DENSITY:	~ 9.1 lbs/gal	PERCENT VOLATILE:	N/A
VAPOR PRESSURE:	N/A	MOLECULAR WEIGHT:	N/A
VOC WITH WATER (LBS/GAL):	N/A	WITHOUT WATER (LBS/GAL):	N/A

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY: **STABLE** **UNSTABLE**

CONDITIONS TO AVOID (STABILITY): Temperatures greater than 400° F (204° C)

INCOMPATIBILITY (MATERIAL TO AVOID): Water, amines, strong bases and Alcohols.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: May occur. Contact with moisture, other materials which react with Isocyanates, or temperatures above 400° F (204° C) may cause polymerization.

At temperatures greater than 400° F (204° C), polymeric MDI can polymerize and decompose which can cause pressure build-up in closed containers. Explosive rupture is possible.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Oral – Result: for rats LD50 > 10,000 mg/kg.

Skin Absorption – Result: for rabbits LD50 > 2,000 mg/kg.

Inhalation – Result: LC50 for Polymeric Diphenylmethane Diisocyanate Rat, 370 to 490 mg/m³

Inhalation – Result: LC50 for Methylene Biphenyl Isocyanate Rat, 172 to 187 mg/m³

Sensitization – (MDI) may cause allergic skin reaction in susceptible individuals. Animal studies

Have shown that skin contact with isocyanates may play a role in respiratory sensitization. Inhalation of MDI vapor may cause respiratory sensitization in susceptible individuals. MDI concentrations below the exposure guidelines may cause allergic respiratory reactions in individuals already sensitized.

Reproductive Toxicity – No.

Mutagenicity – No.

Teratogenicity – No

Synergistic Products – None.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Based on information for MDI and polymeric MDI. In the aquatic or terrestrial environment, movement is expected to be limited by its reactivity with water forming predominantly insoluble polyureas.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. This product becomes a firm synthetic rubber when mixed with Part A. Please mix with Part A and allow to cure before 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: The ingredients of this product are listed.
CERCLA: Methylene Bisphenyl Isocyanate – reportable quantity – 5000 lbs.

SARA

311/312 HAZARD CATEGORIES: Acute health hazard and chronic Health Hazard.
313 REPORTABLE INGREDIENTS: This product contains two chemicals currently on the Toxic Release Chemicals List: Polymeric Diphenylmethane Diisocyanate, CAS # 9016-87-9 and Methylene Bisphenyl Isocyanate, CAS # 101-68-8.

CALIFORNIA PROPOSITION 65: N/A

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
Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Yes	No	Yes	Yes	No	Yes
4,4' Methylene Bisphenyl Isocyanate (MDI)	101-68-8	Yes	No	Yes	Yes	No	Yes

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: N/A

DATE OF PREVIOUS SDS: October 2013

CHANGES SINCE PREVIOUS SDS: Headquarters Address Change

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.