



SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Everguard® TPO Cut Edge Sealant

TRADE NAME: N/A

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

CHEMICAL FAMILY: N/A

MANUFACTURER: GAF

ADDRESS: 1 Campus Drive, Parsippany NJ 07954

**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

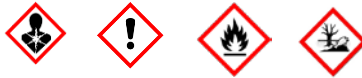
NFPA and HMIS RATINGS:

	NFPA Hazard Rating		HMIS Hazard Rating
	2		2
	3		3
	0		0
Special Hazards	-	Personal Protection	X

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Flammable Liquid – Category 2
Eye Irritant - Category 2A
Skin Irritant - Category 2
Reproductive Toxicity - Category 2
Acute Toxicity - Category 4
Target Organ (SE) - Category 3
Target Organ (RE) – Category 2
Hazardous to the Aquatic Environment (chronic) - Category 2

GHS PICTOGRAMS:



SIGNAL WORD: Danger

PRECAUTIONARY STATEMENTS: Highly flammable liquid and vapor.
May cause damage to organs through prolonged or repeated exposure.
Causes skin irritation.
Causes serious eye irritation.
Harmful if inhaled.
May cause respiratory irritation.
Suspected of damaging fertility or the unborn child.
Harmful to aquatic life with long lasting effects.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:**PRIMARY ROUTE OF EXPOSURE:** Skin Absorption, Inhalation, and Ingestion**SIGNS & SYMPTOMS OF EXPOSURE****EYES:** This material is an eye irritant. Contact with the liquid or exposure to mist or vapor may cause stinging, redness and swelling.**SKIN:** This material may cause mild skin irritation. Prolonged contact may cause redness, burning and drying or cracking of the skin. Skin absorption may produce systemic toxicity.**INGESTION:** Harmful or fatal if swallowed and/or vomiting occurs. Can enter lungs and cause damage or lung inflammation. Do not induce vomiting.**INHALATION:** High concentrations of vapor or mist may cause irritation of the nose and throat and signs of nervous system depression. Can cause headaches, drowsiness, dizziness, and loss of coordination. May affect liver, kidneys, and respiratory system.**ACUTE HEALTH HAZARDS:** See above.**CHRONIC HEALTH HAZARDS:** Respiratory or lung disorders may be aggravated by exposure to this material.**CARCINOGENICITY:** None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Toluene	108-88-3	30-45	200 ppm	20 ppm	REL: 100 ppm
Xylene	1330-20-7	5-20	100 ppm	100 ppm	REL: 100 ppm
Non-Hazardous Ingredients	N/A	35-45	NE	NE	NE

NE= Not Established

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

EYES: Flush eyes with water for 15 minutes. If irritation or reddening persists, call physician.

SKIN: Remove contaminated clothes. Wash exposed areas with soap and water. If redness or swelling develops, seek medical attention.

INHALATION: Move the individual to an area with fresh air or provide oxygen immediately, call physician.

INGESTION: If swallowed, contact physician immediately. Do not induce vomiting. This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: None.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA: Dry chemical, CO₂, and foam.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide or carbon dioxide.

RECOMMENDED FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE & EXPLOSION HAZARDS: Material is flammable and may be ignited by flames, sparks, heat or other sources of ignition.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Extinguish all open flames or electrical sparks. Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed, thoroughly wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a well ventilated area at temperatures between 40 - 90° F. Avoid open flames, electrical spark, and static electricity.

OTHER PRECAUTIONS: The container is hazardous when empty. Partially full or emptied container may contain explosive vapors. Do not cut, weld or solder on or near the container. Do not reuse "empty" container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Provide sufficient mechanical ventilation to maintain exposure below exposure limits.

RESPIRATORY PROTECTION: Use NIOSH approved organic vapor cartridge type respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).

EYE PROTECTION: Safety goggles or safety glasses with side shields.

SKIN PROTECTION: Wear appropriate impermeable gloves to prevent skin contact.

OTHER PROTECTIVE EQUIPMENT: N/A

WORK HYGIENIC PRACTICES: Wash exposed skin prior to eating, drinking, or smoking and at the end of each shift.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Clear to amber solution with paint thinner odor.		
FLASH POINT:	45° F	LOWER EXPLOSIVE LIMIT:	1.0
METHOD USED:	TCC	UPPER EXPLOSIVE LIMIT:	7.0
EVAPORATION RATE:	1.8	BOILING POINT:	231° F
pH (undiluted product):	No Data	MELTING POINT:	No Data
SOLUBILITY IN WATER:	Insoluble	SPECIFIC GRAVITY:	.91
VAPOR DENSITY:	3.2	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): Avoid open flames, electrical spark, and static electricity.

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide or carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION**TOXICOLOGICAL INFORMATION:**

LD/LC50 values that are relevant for classification: xylene (1330-20-7)

Oral LD50	4300 mg/kg (rat)
Dermal LD50	2000 mg/kg (rabbit)
Inhalation LD50	26800 ppm (rat)

LD/LC50 values that are relevant for classification: toluene (108-88-3)

Oral LD50	5,000 mg/kg (rat)
Dermal LD50	12,124 mg/kg (rabbit)
Inhalative LC50/4 h	5,320 mg/l (mouse)

Primary irritant effect:

on the skin:

Irritant to skin and mucous membranes.

on the eye:

May irritate the eye.

Vapors may be irritating to the eyes.

Sensitization:

No sensitizing effects known.

SECTION 12: ECOLOGICAL INFORMATION**ECOLOGICAL INFORMATION:**

This product contains components that will normally float on water. These components may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

Contains components that are potentially toxic to freshwater and saltwater ecosystems.

Bioaccumulation/Accumulation: Contains components with the potential to bio-accumulate.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: TRANSPORTATION INFORMATION**U.S. DOT TRANSPORTATION**

PROPER SHIPPING NAME:	Adhesive
HAZARD CLASS:	3
ID NUMBER:	UN1133
PACKING GROUP:	II
LABEL STATEMENT:	N/A
OTHER:	N/A

SPECIAL SHIPPING NOTES: If individual container size is less than 1.3 gallons, the proper shipping name is: ORM-D Consumer Commodity Non-Regulated

IATA

PROPER SHIPPING NAME: ADHESIVES containing flammable liquid
HAZARD CLASS: 3
ID NUMBER: UN1133
PACKING GROUP: II
LABEL STATEMENT: N/A
OTHER: N/A

IMDG

PROPER SHIPPING NAME: ADHESIVES containing flammable liquid
HAZARD CLASS: 3
ID NUMBER: UN1133
PACKING GROUP: II
LABEL STATEMENT: N/A
OTHER: EMS: FE,SE. Marine Pollutant

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

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

CERCLA: None

SARA

311/312 HAZARD CATEGORIES: Fire Hazard, Acute Health Hazard, Chronic Health Hazard.

313 REPORTABLE INGREDIENTS: Toluene 108-88-3 30-45%
Xylene 1330-20-7 5-20%

CALIFORNIA PROPOSITION 65: This product contains toluene, a chemical known to the State of California to cause birth defects or other reproductive harm.

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
Toluene	108-88-3	Yes	Yes	Yes	Yes	Yes	Yes
Xylene	1330-20-7	Yes	Yes	Yes	Yes	Yes	Yes

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: N/A

DATE OF PREVIOUS SDS: February 2016

CHANGES SINCE PREVIOUS SDS: GHS Update.

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.