



**GAF Materials Corporation**  
**Material Safety Data Sheet**  
**MSDS # 2133**  
**MSDS Date: July 2011**

**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 Materials Corporation  
**ADDRESS:** 1361 Alps Road, Wayne, NJ 07470  
**24-HOUR EMERGENCY PHONE (CHEMTREC):** 800 – 424 – 9300  
**INFORMATION ONLY:** 800 – 766 – 3411  
**PREPARED BY:** Corporate EHS  
**APPROVED BY:** Corporate EHS

**NFPA Hazard Rating**

**HMIS Hazard Rating**

Health
Flammable
Reactive
Special Hazards

2  
3  
0  
-

Health
Flammable
Reactive
Personal Protection

2  
3  
0  
X

**OSHA HAZARDOUS:** Yes  X

No

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Toluene	108-88-3	30 – 45	200 ppm 300 ppm – ceiling 500 ppm – max peak (10 mins.)	20 ppm	REL: 100 ppm 150 ppm STEL

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Xylene	1330-20-7	5 – 20	100 ppm	100 ppm 125 ppm STEL	REL: 100 ppm 125 ppm STEL
Ethyl Benzene	100-41-4	1 – 8	100 ppm	100 ppm 125 ppm STEL	REL: 100 ppm 125 ppm STEL
Non-Hazardous Ingredients	N/A	35 – 45	NE	NE	NE

NE= Not Established

---

### SECTION 3: HAZARDS IDENTIFICATION

---

**PRIMARY ROUTE OF EXPOSURE:** Skin Absorption, Inhalation, Eye Contact 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:** Ethyl Benzene is classified as a 2B carcinogen (possibly carcinogenic to humans) by the International Agency for Research on Cancer (IARC).

---

### 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:** N/A

---

---

**SECTION 5: FIRE FIGHTING PROCEDURES**

---

- SUITABLE EXTINGUISHING MEDIA:** Water, dry chemical, CO<sub>2</sub>, and foam.
- HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide and 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:** Dam up area to prevent spreading of material. Provide ventilation. Extinguish all open flames or electrical sparks. Dry up the compound using an absorbent material.
- 

---

**SECTION 7: HANDLING AND STORAGE**

---

- HANDLING AND STORAGE:** Store in a well ventilated area at temperatures between 40 – 80 °F (4.4 – 26.7 °C). Avoid open flames, electrical spark, and static electricity. Container should be grounded when pouring.
- 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 without commercial cleaning or reconditioning.

---

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**


---

<b>ENGINEERING CONTROLS / VENTILATION:</b>	Provide sufficient mechanical ventilation to maintain exposure below exposure limits.
<b>RESPIRATORY PROTECTION:</b>	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).
<b>EYE PROTECTION:</b>	Safety goggles or safety glasses with side shields.
<b>SKIN PROTECTION:</b>	Wear appropriate impermeable gloves to prevent skin contact.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	N/A
<b>WORK HYGIENIC PRACTICES:</b>	Wash exposed skin prior to eating, drinking, or smoking and at the end of each shift.

---

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**


---

<b>APPEARANCE &amp; ODOR:</b>	Clear to amber solution with paint thinner odor.		
<b>FLASH POINT:</b>	45 °F / 7.2 °C	<b>LOWER EXPLOSIVE LIMIT:</b>	1.0
<b>METHOD USED:</b>	TCC	<b>UPPER EXPLOSIVE LIMIT:</b>	7.0
<b>EVAPORATION RATE:</b>	1.8	<b>BOILING POINT:</b>	231 °F / 111 °C
<b>pH (undiluted product):</b>	No Data	<b>MELTING POINT:</b>	No Data
<b>SOLUBILITY IN WATER:</b>	Insoluble	<b>SPECIFIC GRAVITY:</b>	.91
<b>VAPOR DENSITY:</b>	3.2	<b>PERCENT VOLATILE:</b>	No Data
<b>VAPOR PRESSURE:</b>	No Data	<b>MOLECULAR WEIGHT:</b>	No Data
<b>VOC WITH WATER (LBS/GAL):</b>	No Data	<b>WITHOUT WATER (LBS/GAL):</b>	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 and carbon dioxide.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**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 regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. If discarded in its purchased form, this product is a RCRA hazardous waste. It is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or residue of the product remains classified a hazardous waste as per 40 CFR 261, Subpart C. State or local regulations may also apply if they differ from the federal regulation.

**RCRA HAZARD CLASS:** D001, Ignitable Hazardous Waste

**SECTION 14: TRANSPORTATION INFORMATION**

U.S. DOT TRANSPORTATION		
	<b>PROPER SHIPPING NAME:</b>	Adhesive
	<b>HAZARD CLASS:</b>	3
	<b>ID NUMBER:</b>	UN1133

	<b>PACKING GROUP:</b>	II
	<b>LABEL STATEMENT:</b>	N/A
	<b>OTHER:</b>	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:** CERCLA Hazardous Substances (40 CFR 302)

Reportable Quantity – Components

Toluene: 108-88-3, 1000 lbs

Xylene: 1330-20-7, 1000 lbs.

Ethyl Benzene: 100-41-4, 1000 lbs

**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%  
Ethyl benzene, 100-41-4, 1 – 8%

**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: Benzene, Ethyl Benzene. Reproductive: Benzene, Toluene.

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
Ethyl Benzene	100-41-4	Yes	Yes	Yes	Yes	Yes	Yes

---

**SECTION 16: OTHER INFORMATION**


---

**ADDITIONAL COMMENTS:** N/A

**DATE OF PREVIOUS MSDS:** January 2011

**CHANGES SINCE PREVIOUS MSDS:** Updated sections 2, 9 and 15.

---

**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.**