



GAF
Safety Data Sheet
SDS # 2029
SDS Date: February 2023

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: EverGuard® TPO Seam Cleaner

MANUFACTURER: GAF

ADDRESS: 1 Campus Drive, Parsippany, NJ 07054







24 HOUR EMERGENCY PHONE: (CHEMTREC) 800-424-9300

INFORMATION ONLY: 877-GAF-ROOF

APPROVED BY: Corporate EHS

SECTION 2: HAZARDS 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:

Aspiration toxicity	Category 1
Acute toxicity	Category 4
Skin irritant	Category 2
Eye irritation	Category 2A
Target organ (SE)	Category 3
Flammable liquids	Category 3
Target organ (RE)	Category 2

GHS PICTOGRAM:



SIGNAL WORD:	Danger
HAZARD STATEMENT:	Flammable liquid and vapor. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. Causes damage to organs (auditory system) through prolonged or repeated exposure. May cause respiratory irritation.
PRECAUTIONARY STATEMENTS:	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Wash hands and skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Skin IF ON SKIN: Wash with plenty of soap and water Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse If skin irritation or rash occurs: Get medical advice/attention Eyes IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing immediately call a doctor/physician Ingestion IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth with water. Do not induce vomiting. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. Storage: Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.
Store locked up.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Inhalation, Skin Contact, Eye Contact

SIGNS & SYMPTOMS OF EXPOSURE

EYES: Causes serious eye irritation.

SKIN: Causes skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns.

INGESTION: May be fatal if swallowed and enters airways.

INHALATION: May cause respiratory irritation. May cause drowsiness or dizziness.

ACUTE HEALTH HAZARDS: May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.

CHRONIC HEALTH HAZARDS: May cause damage to organs through prolonged or repeated exposure.
Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: redness of the skin stomach or intestinal upset (nausea, vomiting, diarrhea) irritation (nose, throat, airways) discomfort in the chest effects on memory Shortness of breath confusion irregular heartbeat

CARCINOGENICITY: Ethyl benzene - IARC Group 2B: Possibly carcinogenic to humans.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

			OCCUPATIONAL EXPOSURE LIMITS		
CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER

Xylene	1330-20-7	70-100	100 ppm	100 ppm	REL: 100 ppm
Ethyl Benzene	100-41-4	30	100 ppm	100 ppm	REL: 100 ppm

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES: Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Seek medical attention.

SKIN: Wash exposed skin with soap and water. If irritation develops or persists, seek medical attention. Discard contaminated clothing.

INHALATION: Move affected individual to an area free of risk from further exposure. Administer oxygen or artificial respiration as needed. Immediate or delayed asthma-like symptoms may develop. Seek medical attention.

INGESTION: If the material is swallowed, seek immediate medical attention. Rinse out mouth with water. Drink 1 - 2 glasses of water but DO NOT induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material.

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: redness of the skin, stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), discomfort in the chest, effects on memory, shortness of breath, confusion, irregular heartbeat.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA:	Water fog, carbon dioxide, or dry chemical. Use fire fighting measures that suit the environment. Do not use water jet.
HAZARDOUS COMBUSTION PRODUCTS:	During fire, gases hazardous to the health may be formed including: carbon dioxide and carbon monoxide, aldehydes.
RECOMMENDED FIRE FIGHTING PROCEDURES:	Firefighters should wear full protective clothing including self contained breathing apparatus.
UNUSUAL FIRE & EXPLOSION HAZARDS:	<p>Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures.</p> <p>This liquid may accumulate static electricity when filling properly grounded containers. Material will float and may ignite on surface of water. Move containers from fire area if you can do so without risk.</p>

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:	<p>Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Absorb spill with inert material. Shovel material into appropriate container for disposal. Evacuate the area promptly. Keep upwind of the spilled material and isolate exposure. Avoid inhalation of vapors and mists. Surfaces may become slippery after a spill. Wear PPE for spill clean up. Stop the flow of material, if possible.</p> <p>Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.</p>
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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:	<p>Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged</p>
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exposure. When using, do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

OTHER PRECAUTIONS:

Store locked up. Keep away from heat, sparks and open flame. Do not smoke.

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

Provide adequate local ventilation to maintain worker exposure below exposure limits.

RESPIRATORY PROTECTION:

In case of insufficient ventilation, wear suitable respiratory equipment.

EYE PROTECTION:

Wear safety glasses and a face shield or chemical goggles.

SKIN PROTECTION:

Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing.

OTHER PROTECTIVE EQUIPMENT:

Eye wash stations and safety showers are recommended.

WORK HYGIENIC PRACTICES:

When using do not smoke. Wash exposed skin prior to eating, drinking or smoking and at the end of each shift. Immediately remove all soiled and contaminated clothing. Avoid contact with the eyes and skin.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Colorless liquid with a mild aromatic odor.		
FLASH POINT:	80 °F / 26 °C	LOWER EXPLOSIVE LIMIT:	1%
METHOD USED:	No Data	UPPER EXPLOSIVE LIMIT:	7%
EVAPORATION RATE:	0.86	BOILING POINT:	277.0 °F / 136.1 °C
IGNITION TEMPERATURE:	No Data	MELTING POINT:	No Data
SOLUBILITY IN WATER:	No Data	SPECIFIC GRAVITY:	0.87
DENSITY:	0.86	PERCENT VOLATILE:	No Data
VAPOR PRESSURE:	No Data	VOC (g/L):	861

SECTION 10: STABILITY AND REACTIVITY

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

CONDITIONS TO AVOID (STABILITY): Heat, flame, and sparks.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, alkalis, oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon dioxide and carbon monoxide, hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Product:

Acute oral toxicity:

LD 50 (Rat): 3,523 - 8,600 mg/kg

Acute inhalation toxicity:

LC 50 (Rat): 6700 ppm

Exposure time: 4 h

Test atmosphere: vapour

Assessment: The component/mixture is classified as acute inhalation toxicity, category 4.

Acute dermal toxicity:

LD 50 (Rabbit): 1,700 mg/kg

Components:

Acute oral toxicity

Xylene LD 50 Rat: 4,300 mg/kg

Ethyl Benzene LD 50 Rat: 3,500 mg/kg

Acute inhalation toxicity

Ethyl Benzene LC Lo Rat: 4000 ppm, 4 h

Acute dermal toxicity

Xylene LD 50 Rabbit: > 2,000 mg/kg

Ethyl Benzene LD 50 Rabbit: 15,433 mg/kg

Components:

XYLENE:

May be fatal if swallowed and enters airways.

ETHYL BENZENE:

May be fatal if swallowed and enters airways.

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

IARC Group 2B: Possibly carcinogenic to humans

ETHYL BENZENE 100-41-4

SECTION 12: ECOLOGICAL INFORMATION

Product:Toxicity to fish:LC 50 (Fathead minnow (*Pimephales promelas*)): 23.53 - 29.97 mg/l

Exposure time: 96 h

Test Type: static test

Toxicity to daphnia and other aquatic invertebrates:LC 50 (Water flea (*Daphnia magna*)): > 100 - < 1,000 mg/l

Exposure time: 24 h

Test Type: static test

Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life., Harmful to aquatic life with long lasting effects.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Dispose in accordance with all applicable local, state and Federal regulations. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14: TRANSPORTATION INFORMATION

DOT

PROPER SHIPPING NAME: Xylenes
HAZARD CLASS: 3
ID NUMBER: UN1307
PACKING GROUP: III

IATA

PROPER SHIPPING NAME: Xylenes
HAZARD CLASS: 3
ID NUMBER: UN1307
PACKING GROUP: III

IMDG

PROPER SHIPPING NAME: Xylenes
HAZARD CLASS: 3
ID NUMBER: UN1307
PACKING GROUP: III

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA:	This product and its components are listed on the TSCA 8(b) inventory.
CERCLA:	Reportable Quantity – Components Xylene: 108-88-3, 100 lbs
SARA	Not applicable.
311/312 HAZARD CATEGORIES:	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
313 REPORTABLE INGREDIENTS:	Not applicable.
CALIFORNIA PROPOSITION 65:	WARNING! This product contains a chemical known to the State of California to cause cancer. ETHYL BENZENE 100-41-4 BENZENE 71-43-2 WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. TOLUENE 108-88-3 BENZENE 71-43-2

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS:	None
DATE OF PREVIOUS SDS:	April 2021
CHANGES SINCE PREVIOUS SDS:	Section 2

This information relates to the specific material designated and may not be valid for such material used in 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.