



GAF
Safety Data Sheet
SDS # 4237
SDS Date: November 2024

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: EverGuard TPO Primer Aerosol

MANUFACTURER: GAF

ADDRESS: 1 Campus Drive, Parsippany, NJ 07054

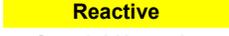
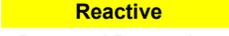
24 HOUR EMERGENCY PHONE: (CHEMTREC) 800-424-9300

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:

Flammable Aerosols	Category 1
Gases Under Pressure	Compressed gas
Aspiration toxicity	Category 1
Skin irritation	Category 2
Eye irritation	Category 2A
Target organ (SE)	Category 2
Target organ (RE)	Category 2
Reproductive Toxicity	Category 2

GHS PICTOGRAM:



SIGNAL WORD:	Danger
HAZARD STATEMENT:	Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May cause damage to organs through prolonged or repeated exposure. Causes skin irritation. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. May be fatal if swallowed and enters airways.
PRECAUTIONARY STATEMENTS:	Obtain, read and follow all safety instructions before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources- No smoking. Do not spray on an open flame or other ignition source. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Pressurized container: Do not pierce or burn, even after use. 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. Rinse mouth with water. Do not induce vomiting. In case of fire: Use 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. Do not induce vomiting.
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.
CARCINOGENICITY:	Ethyl benzene - IARC Group 2B: Possibly carcinogenic to humans.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
4-Chlorobenzo-trifluoride (PCBTF)	98-56-6	50-70	NE	NE	NE
Toluene	108-88-3	10-25	200 ppm 300 ppm – ceiling	20 ppm	REL: 100 ppm 150 ppm – STEL
Dimethyl Ether	115-10-6	35	NE	NE	NE

NE – not established

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:	Rinse out mouth with water. Drink 1 - 2 glasses of water but DO NOT induce vomiting. Do not give liquids to a drowsy, convulsing or unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Call a doctor immediately.

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.

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, and various hydrocarbons.

RECOMMENDED FIRE FIGHTING PROCEDURES:

Firefighters should wear full protective clothing including self contained breathing apparatus.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Extremely flammable aerosol. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Move containers from fire area if you can do so without risk.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

No action should be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

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.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing gas. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.

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 an aromatic odor.		
FLASH POINT (PROPELLANT):	-42 deg. F	LOWER EXPLOSIVE LIMIT:	No Data
METHOD USED:	No Data	UPPER EXPLOSIVE LIMIT:	No Data

EVAPORATION RATE:	No Data	BOILING POINT (PROPELLANT):	-13 deg. F
IGNITION TEMPERATURE:	No Data	MELTING POINT:	No Data
SOLUBILITY IN WATER:	No Data	SPECIFIC GRAVITY:	No Data
DENSITY:	No Data	PERCENT VOLATILE:	No Data
VAPOR PRESSURE:	No Data	% VOLATILE:	100

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY: STABLE UNSTABLE

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

INCOMPATIBILITY (MATERIAL TO AVOID): No data.

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

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Toluene

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

4-Chlorobenzo-trifluoride (PCBTF)

Oral LD50 5,546 mg/kg (rat)
 Dermal LD50 3,300 mg/kg (rabbit)
 Inhalative LC50/4 h 32 mg/l (mouse)

Dimethyl Ether

Inhalative LC50/4 h 309 g/m3l (rat)

Primary irritant effect:

on the skin: Skin irritant.
 on the eye: Causes serious eye irritation.

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.

Sensitization: No sensitizing effects known.

IARC Group 2B: Possibly carcinogenic to humans
 4-Chlorobenzo-trifluoride (PCBTF)

SECTION 12: ECOLOGICAL INFORMATION

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
p-Chloro-a,a,a-trifluorotoluene	Not listed	LC50 = 3 mg/L, 96h semi-static (Danio rerio) LC50 = 11.5 - 15.8 mg/L, 48h static (Lepomis macrochirus)	EC50 = 11.1 mg/L 5 min EC50 = 13.4 mg/L 15 min EC50 = 14.3 mg/L 30 min	EC50 = 2 mg/L, 48 h semi-static (Daphnia magna)
Name	Fish	Crustacea	Algae/aquatic plants	
Toluene 108-88-3	96-hr LC50 <= 10 mg/l Rainbow trout	48-hr EC50 = 5.46-9.83 mg/l Daphnia magna 48-hr EC50 = 11.5 mg/l Daphnia magna (Static)	72-hr EC50 = 12.5 mg/l Algae	

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. Do not puncture or incinerate container.

SECTION 14: TRANSPORTATION INFORMATION**DOT**

PROPER SHIPPING NAME: Aerosols, flammable
HAZARD CLASS: 2.1
ID NUMBER: UN1950

This product may be shipped under 49 CFR 173.306 limited quantities of compressed gases exemption.

IATA

PROPER SHIPPING NAME: Aerosols, flammable
HAZARD CLASS: 2.1
ID NUMBER: UN1950

IMDG

PROPER SHIPPING NAME: Aerosols, flammable
HAZARD CLASS: 2.1
ID NUMBER: UN1950
EMERGENCY SCHEDULES: F-D, S-U

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

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

CERCLA: Not applicable

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:
Toluene
4-Chlorobenzo-trifluoride (PCBTF)

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None

DATE OF PREVIOUS SDS: None – new product.

CHANGES SINCE PREVIOUS SDS: None

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