

EverGuard® Low VOC TPO Primer
Material Safety Data Sheet

MSDS #2123

Updated: 9/2009



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GAF Materials Corporation
Material Safety Data Sheet
MSDS # 2123
MSDS Date: September 2009

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: EverGuard® Low VOC TPO Primer

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
1
-

Health
Flammable
Reactive
Personal Protection

2
3
1
X

OSHA HAZARDOUS: Yes X

No

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Parachlorobenzo-trifluoride	98-56-6	65 – 75	NE	NE	NE

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Toluene	108-88-3	15 – 25	200 ppm 300 ppm – ceiling	20 ppm	REL: 100 ppm 150 ppm – STEL

NE = Not Established

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE: Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion

SIGNS & SYMPTOMS OF EXPOSURE

- Eyes:** Can cause severe irritation, redness, tearing, blurred vision.
- Skin:** Can cause redness, irritation, dermatitis, or drying of the skin.
- Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting, diarrhea.
- Inhalation:** Prolonged inhalation of vapors may cause irritation of the respiratory tract and central nervous system depression (narcosis) characterized by headache, dizziness, muscular weakness and fatigue. Inhalation of toluene vapors above 200 ppm may result in impairment of coordination, increased reaction time and a bad taste in the mouth. May cause unconsciousness if exposure is excessive. Intentional misuse by deliberately concentrating and inhaling vapor may be harmful or fatal.

ACUTE HEALTH HAZARDS: See above.

CHRONIC HEALTH HAZARDS: May cause kidney, liver, spleen and central nervous system damage.

CARCINOGENICITY: None.

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

- EYES:** Flush with large amounts of water, frequently flushing under the lids. Seek medical attention.
- SKIN:** Wash with soap and water. Get medical attention if irritation persists.
- INHALATION:** Remove affected person to fresh air, give oxygen or artificial respiration as necessary to assist breathing. Get medical attention.

INGESTION: Do not induce vomiting. Get medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: None.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA: Foam, dry chemical or carbon dioxide. Water may be ineffective, but water should be used to keep fire exposed containers cool.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide and various hydrocarbons

RECOMMENDED FIRE FIGHTING PROCEDURES: Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes or vapors may be produced. Shut down motors and pumps to prevent spreading of fire.

UNUSUAL FIRE & EXPLOSION HAZARDS: This product is volatile and gives off vapors. Either the liquid or vapor may settle in low areas or travel along the ground or surface to ignition sources where they may ignite or explode. Overheated drums will explode. High vapor concentrations have an anesthetic effect.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Eliminate all ignition sources. Control the source of the spill if it is safe to do so. Ventilate enclosed areas to prevent vapor accumulation. Restrict access by unauthorized personnel. Absorb spilled product with vermiculite or other absorbent material. Shovel or scoop into a sealable container for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Do not store or handle near an ignition source. Keep containers closed. Effectively ground the product transfer system to prevent fire or explosion from static discharge. Empty containers may contain residual product. Do not reuse containers unless properly reconditioned.

OTHER PRECAUTIONS: None.

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

General exhaust as needed to keep work environment below exposure limits if engineering or administrative controls are not adequate.

RESPIRATORY PROTECTION:

For large spills or entry into enclosed small spaces with inadequate ventilation, a pressure demand, self-contained breathing apparatus is recommended. If engineering or administrative controls are not adequate to maintain work environment below solvent TLV recommended levels, an appropriate respirator should be used in conjunction with a respirator use and fit training program.

EYE PROTECTION:

Safety glasses with side shields or goggles.

SKIN PROTECTION:

Buna-N gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots if contact is likely.

OTHER PROTECTIVE EQUIPMENT:

N/A

WORK HYGIENIC PRACTICES:

Minimize breathing vapor. Avoid prolonged or repeated contact with the skin. Remove contaminated clothing and launder before reuse. Cleanse skin thoroughly after contact, before work breaks and meals, and at the end of the work day. Product is readily removed from the skin with waterless hand cleaners followed by washing thoroughly with soap and water. Eye wash stations should be available where product may come in contact with the eyes.

EXPOSURE GUIDELINES:

N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Translucent liquid with aromatic odor.		
FLASH POINT:	45°F	LOWER EXPLOSIVE LIMIT:	1.2%
METHOD USED:	No data	UPPER EXPLOSIVE LIMIT:	7.0%
EVAPORATION RATE:	No data	BOILING POINT:	111°C
pH (undiluted product):	No data	MELTING POINT:	No data
SOLUBILITY IN WATER:	Insoluble	SPECIFIC GRAVITY:	1.15 – 1.25
VAPOR DENSITY:	> 1	PERCENT VOLATILE:	90%
VAPOR PRESSURE:	22 mm Hg @ 68°F	MOLECULAR WEIGHT:	No data
VOC WITH WATER (g/L):	240 grams/liter	WITHOUT WATER (g/L):	No data

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY:**STABLE** X**UNSTABLE** **CONDITIONS TO AVOID (STABILITY):**

Avoid flames, sparks, or other sources of ignition.

INCOMPATIBILITY (MATERIAL TO AVOID):

Avoid contact with acids, alkaline and strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Carbon dioxide, carbon monoxide, fluorine gas, chlorine gas, acrid smoke and irritating fumes.

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

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

SARA:

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

313 REPORTABLE INGREDIENTS: Toluene: 108-88-3 (15 – 25%)

CALIFORNIA PROPOSITION 65: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.
 Reproductive: 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
Parachlorobenzotrifluoride	98-56-6	Yes	Yes	Yes	Yes	Yes	Yes
Toluene	108-88-3	Yes	Yes	Yes	Yes	Yes	Yes

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None

DATE OF PREVIOUS MSDS: New MSDS

CHANGES SINCE PREVIOUS MSDS: N/A

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.