



SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Low VOC TPO Primer
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: 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
Target Organ (SE) - Category 2
Aspiration Toxicity - Category 1
Reproductive Toxicity - Category 2

GHS PICTOGRAMS:



SIGNAL WORD: Danger

**HAZARD
STATEMENTS:**

Highly flammable liquid and vapor
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/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 thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
If swallowed: Immediately call a poison center/doctor.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Get medical advice/attention if you feel unwell.
Specific treatment (see on this label).
Do NOT induce vomiting.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.

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 - 100	NE	NE	NE
Toluene	108-88-3	10 – 25	200 ppm 300 ppm – ceiling	20 ppm	REL: 100 ppm 150 ppm – STEL
Isobutylene Copolymer	NA	<2.5	NE	NE	NE

NE = Not Established

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:** 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: No further relevant information available.

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. Do not smoke.

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: Chemical resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots if contact is likely.

OTHER PROTECTIVE EQUIPMENT: Not applicable.

WORK HYGIENIC PRACTICES: Minimize breathing vapor. Avoid prolonged or repeated contact with the skin. Remove contaminated clothing and laundry 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: Not applicable.

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):	250 g/l	WITHOUT WATER (g/L):	No data

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY: **STABLE** **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

108-88-3 Toluene

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: Skin irritant.
on the eye: Irritating effect.

Vapors may be irritating to the eyes.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

SECTION 12: ECOLOGICAL INFORMATION**ECOLOGICAL INFORMATION:** No information available.

SECTION 13: DISPOSAL CONSIDERATIONS**WASTE DISPOSAL METHOD:** Follow all federal, state and local regulations.

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

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

- *Transport hazard class(es)*
- *DOT*



· Class

3 Flammable liquids

IATA

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

IMDG

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

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

SARA:

Toluene: 108-88-3, 1000 lbs

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

313 REPORTABLE INGREDIENTS: Toluene: 108-88-3

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

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 SDS: March 2020.

CHANGES SINCE PREVIOUS SDS: Name change.

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.