



**SECTION 1: PRODUCT AND COMPANY INFORMATION**

**PRODUCT NAME:** TPO Red Primer Aerosol

**MANUFACTURER:** GAF

**ADDRESS:** 1 Campus Drive, Parsippany, NJ 07054

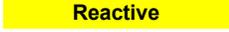
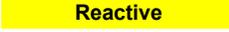
**24 HOUR EMERGENCY PHONE: (CHEMTREC)** 800-424-9300

**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:**

<b>GHS CLASSIFICATION:</b>	Flammable Aerosols	Category 1
	Gases Under Pressure	Compressed gas
	Respirator irritant	Category 1
	Skin irritation	Category 2
	Eye irritation	Category 2A
	Target organ (SE)	Category 3
	Aquatic hazard (Acute)	Category 3

**GHS PICTOGRAM:****SIGNAL WORD:** Danger

**HAZARD STATEMENT:** Extremely flammable aerosol.  
 Contains gas under pressure; may explode if heated.  
 Harmful in contact with skin.  
 Causes serious eye irritation.  
 May cause drowsiness or dizziness.  
 Causes damage to organs (auditory system) through prolonged or repeated exposure.  
 May cause respiratory irritation.  
 Hazardous to the aquatic environment.

**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. Get medical advice/attention.

**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth with water.  
 Do not induce vomiting.

Leaking gas fire: Do not extinguish, unless leak can be stopped safely. Eliminate all ignition sources if safe to do so.

**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.**INGESTION:** May be harmful if swallowed and enters airways. May cause gastric irritation. May cause stomach cramps and vomiting.**INHALATION:** May cause respiratory irritation. May cause drowsiness or dizziness.**ACUTE HEALTH HAZARDS:** Harmful if swallowed. 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:** PCBTF - 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-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene (PCBTF)	98-56-6	60-70	NE	NE	NE
Acetone	67-64-1	10-15	1000 ppm	250 ppm	REL: 250 ppm
Propane	74-98-6	10-15	1000 ppm	1000 ppm	NE
n-Butane	106-97-8	5-10	NE	800 ppm	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.

<b>SKIN:</b>	Wash exposed skin with soap and water. If irritation develops or persists, seek medical attention. Discard contaminated clothing.
<b>INHALATION:</b>	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.
<b>INGESTION:</b>	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.
<b>NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:</b>	<p>Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.</p> <p>May cause damage to organs through prolonged or repeated exposure.</p>

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**SECTION 5: FIRE FIGHTING PROCEDURES**

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<b>SUITABLE EXTINGUISHING MEDIA:</b>	Water fog, carbon dioxide, or dry chemical. Use fire fighting measures that suit the environment. Do not use water jet.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	During fire, gases hazardous to the health may be formed including: carbon dioxide and carbon monoxide, nitrogen oxides.
<b>RECOMMENDED FIRE FIGHTING PROCEDURES:</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	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.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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<b>ACCIDENTAL RELEASE MEASURES:</b>	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
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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.

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## SECTION 7: HANDLING AND STORAGE

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### 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. 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.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**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**

<b>APPEARANCE &amp; ODOR:</b>	Red liquid with an aromatic odor.		
<b>FLASH POINT:</b>	< -76 deg F	<b>LOWER EXPLOSIVE LIMIT:</b>	No Data
<b>METHOD USED:</b>	No Data	<b>UPPER EXPLOSIVE LIMIT:</b>	No Data
<b>EVAPORATION RATE:</b>	No Data	<b>BOILING POINT:</b>	No Data
<b>IGNITION TEMPERATURE:</b>	No Data	<b>MELTING POINT:</b>	No Data
<b>SOLUBILITY IN WATER:</b>	No Data	<b>SPECIFIC GRAVITY:</b>	No Data
<b>DENSITY:</b>	No Data	<b>PERCENT VOLATILE:</b>	No Data
<b>VAPOR PRESSURE:</b>	No Data	<b>VOC (g/L):</b>	<60

**SECTION 10: STABILITY AND REACTIVITY****THERMAL STABILITY:****STABLE X****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, gaseous hydrogen fluoride, hydrocarbons.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION****Acute oral toxicity**

PCBTF LD 50 Rat: 5546 mg/kg  
 Acetone LD 50 Rat: 5800 mg/kg

**Acute inhalation toxicity**

PCBTF LC 50 Rat: 32.03 mg/l/4h  
 Acetone LC 50 Rat: 59528 ppm 1h

**Components:**

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  
PCBTF

## SECTION 12: ECOLOGICAL INFORMATION

Chemical Name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Acetone	Not listed	Leuciscus idus: LC50 = 11300 mg/L/48h Salmo gairdneri: LC50 = 6100 mg/L/24h	EC50 = 14500 mg/L/15 min	EC50 = 39 mg/L/48h EC50 = 12700 mg/L/48h EC50 = 12600 mg/L/48h

Toxicity: Toxic to aquatic life with long lasting effects.  
 Mobility in Soil: No data available.  
 Bio-accumulative Potential: No data available.  
 Persistence and Degradability: No data available.  
 Other Adverse Effects: No data available.

## 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

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<b>TSCA:</b>	This product and its components are listed on the TSCA 8(b) inventory.
<b>CERCLA:</b>	Not applicable.
<b>SARA</b>	Not applicable.
<b>311/312 HAZARD CATEGORIES:</b>	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
<b>313 REPORTABLE INGREDIENTS:</b>	Not applicable.
<b>CALIFORNIA PROPOSITION 65:</b>	This product can expose you to Parachlorobenzotrifluoride, which is known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .

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**SECTION 16: OTHER INFORMATION**

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<b>ADDITIONAL COMMENTS:</b>	None
<b>DATE OF PREVIOUS SDS:</b>	None – new product.
<b>CHANGES SINCE PREVIOUS SDS:</b>	None

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