



**GAF**  
**Safety Data Sheet**  
**SDS # 4252**  
**SDS Date: February 2025**

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**SECTION 1: PRODUCT AND COMPANY INFORMATION**

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**PRODUCT NAME:** GAF Ultra Clear Thermoplastic Roof Sealant

**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

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**SECTION 2: HAZARDS IDENTIFICATION**

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**NFPA and HMIS RATINGS:**

	NFPA Hazard Rating		HMIS Hazard Rating
Health	2	Health	2
Flammable	2	Flammable	2
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X

**GHS LABEL ELEMENTS:**

<b>GHS CLASSIFICATION:</b>	Flammable liquids	Category 3
	Acute Tox – Inhalation	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Aspiration hazard	Category 1
	Carcinogenicity	Category 2

## GHS PICTOGRAMS:



**SIGNAL WORD:** Danger

**HAZARD STATEMENTS:** Flammable liquid and vapor.  
Causes skin irritation.  
Harmful if inhaled.  
Suspected of causing cancer.  
Causes serious eye irritation.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
May be fatal if swallowed and enters airways.

**PRECAUTIONARY STATEMENTS:** Obtain, read and follow all safety instructions before use.  
Wear protective gloves/clothing and eye/face protection.  
Wash face, hands and any exposed skin thoroughly after handling.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Use only outdoors or in a well-ventilated area.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Keep container tightly closed.  
Ground and bond container and receiving equipment.  
Use only non-sparking tools.  
Take action to prevent static discharges.

Keep cool. Specific treatment (see first aid information on this label) If skin irritation occurs: Get medical advice/attention.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Call a POISON CENTER or doctor/physician if you feel unwell  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
Do NOT induce vomiting.  
In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.

**ADDITIONAL HAZARD IDENTIFICATION INFORMATION:**

**PRIMARY ROUTE OF EXPOSURE:** Inhalation. Skin contact. Eye contact

**SIGNS & SYMPTOMS OF EXPOSURE**

**EYES:** Eye contact may result in eye irritation.

**SKIN:** Repeated exposure may cause skin dryness or cracking.

**INGESTION:** Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and

pneumonitis. May be fatal if swallowed and enters airways.  
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**INHALATION:**

May cause irritation of respiratory tract. May cause drowsiness or dizziness.

**ACUTE HEALTH HAZARDS:**

Skin and eye irritation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

**CHRONIC HEALTH HAZARDS:**

None known.

**CARCINOGENICITY:**

Not applicable.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

			OCCUPATIONAL EXPOSURE LIMITS		
CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Solvent Naphtha	64742-95-6	20-40	NE	NE	NE
Styrene/Butadiene Copolymer	66070-58-4	10-30	NE	NE	NE
Hydrocarbon Resin	Trade Secret	10-30	NE	NE	NE
Polybutene	9003-29-6	10-30	NE	NE	NE

NE = Not Established

**SECTION 4: FIRST AID MEASURES****PRIMARY ROUTE OF EXPOSURE:**

Inhalation. Skin contact. Eye contact

**General advice**

Contains petroleum distillate. Harmful or fatal if swallowed. Vapor harmful. May affect the brain or central nervous system causing dizziness, headache, or nausea.

**EYES:**

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**SKIN:**

Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician.

<b>INGESTION:</b>	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical attention.
<b>INHALATION:</b>	Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get medical attention immediately.
<b>Symptoms</b>	Difficulty in breathing. Coughing and/ or wheezing. Dizziness. May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Note to physicians: Treat symptomatically. Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

#### SECTION 5: FIRE FIGHTING PROCEDURES

<b>SUITABLE EXTINGUISHING MEDIA:</b>	Foam, carbon dioxide, water fog, dry chemical powder. Do not use water jet as an extinguisher, as this will spread the fire.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Fire may produce irritating, corrosive and/or toxic gases.
<b>RECOMMENDED FIRE FIGHTING PROCEDURES:</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	Sealed container may rupture/burst when heated or exposed to excessive heat. May be ignited by heat, sparks or flames.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>ACCIDENTAL RELEASE MEASURES:</b>	<p>Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.</p> <p>Prevent entry into waterways, sewer, basements or confined areas.</p> <p>Large Spills: Stop the flow of material, if this is without risk. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p>
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**SECTION 7: HANDLING AND STORAGE****HANDLING AND STORAGE:**

Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment.

**OTHER PRECAUTIONS:**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials.

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

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

**RESPIRATORY PROTECTION:**

Appropriate respiratory protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation may be required.

**EYE PROTECTION:**

Chemical goggles.

**SKIN PROTECTION:**

Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

**OTHER PROTECTIVE EQUIPMENT:**

None.

**WORK HYGIENIC PRACTICES:**

Do not smoke while using. Do not get in eyes. Avoid contact with skin. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice. Wash hands, face and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Viscous clear paste with a solvent odor.		
<b>FLASH POINT:</b>	>105 °F	<b>LOWER EXPLOSIVE LIMIT:</b>	1.6 %
<b>METHOD USED:</b>	Open Cup	<b>UPPER EXPLOSIVE LIMIT:</b>	7.0 %
<b>EVAPORATION RATE:</b>	0.1	<b>BOILING POINT:</b>	> 310 °F

pH (undiluted product):	7.0	FREEZING POINT:	No Data
SOLUBILITY IN WATER:	No Data	SPECIFIC GRAVITY:	1.01
VAPOR DENSITY:	5.3	DENSITY:	8.5 lb/gal
VAPOR PRESSURE:	0.3 (kPa)	VOC CONTENT (g/L):	<350

**SECTION 10: STABILITY AND REACTIVITY****THERMAL STABILITY:****STABLE X****UNSTABLE** ☐**CONDITIONS TO AVOID (STABILITY):**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point.

**INCOMPATIBILITY (MATERIAL TO AVOID):**

Strong oxidizing agents. Strong acids.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:**

Combustion may produce carbon monoxide, carbon dioxide, and other asphyxiants.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>Inhalation</b>	Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract. May cause drowsiness or dizziness.
<b>Skin contact</b>	May cause irritation.
<b>Eye contact</b>	May cause eye irritation.
<b>Ingestion</b>	Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Symptoms related to the physical, chemical and toxicological characteristics**

Skin and eye irritation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

**Skin corrosion/irritation**

Can cause skin irritation.

**Serious eye damage/eye irritation**

Irritating to eyes.

**Irritation**

Irritating to eyes, respiratory system and skin.

**Corrosivity**

Not classified.

**Sensitization**

Not classified.

**Germ cell mutagenicity**

This product does not contain any ingredients that cause germ cell mutagenicity.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Not applicable

**Reproductive toxicity** Not classified.**Specific target organ toxicity****- single exposure**

May cause drowsiness or dizziness.

**Specific target organ toxicity****- repeated exposure**

Not classified.

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Solvent Naphtha 64742-95-6	= 8400 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 3400 ppm ( Rat ) 4 h

**SECTION 12: ECOLOGICAL INFORMATION****ECOLOGICAL INFORMATION:**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Solvent Naphtha 64742-95-6	-	LC50: =9.22mg/L (96h, Oncorhynchus mykiss)	-	EC50: =6.14mg/L (48h, Daphnia magna)

**Persistence and degradability**

No data

**Bioaccumulation**

No data

**SECTION 13: DISPOSAL CONSIDERATIONS****WASTE DISPOSAL METHOD:**

Dispose of contents/container in accordance with local/regional/national/international regulations.

Do not reuse containers.

**SECTION 14: TRANSPORTATION INFORMATION****DOT**

Not regulated if containers are less than 119 gallons (450 liters).

**IATA**

Not regulated

**IMDG**

Not regulated

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

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

**CERCLA:** None.

**SARA**

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

**313 REPORTABLE INGREDIENTS:** None.

**CALIFORNIA PROPOSITION 65:** Not applicable.

Other state regulations may apply. Check individual state requirements. The following components appear on one or more of the following state hazardous substances lists:

**SECTION 16: OTHER INFORMATION**

**ADDITIONAL COMMENTS:** None.

**DATE OF PREVIOUS SDS:** None.

**CHANGES SINCE PREVIOUS SDS:** New product.

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.