



**GAF**  
**Safety Data Sheet**  
**SDS # 2148**  
**SDS Date: November 2022**

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**SECTION 1: PRODUCT AND COMPANY INFORMATION**

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**PRODUCT NAME:** GAF LRF Adhesive M Canister Part B  
**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: HAZARD IDENTIFICATION**

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**NFPA and HMIS RATINGS:**

	NFPA Hazard Rating		HMIS Hazard Rating
Health	1	Health	1
Flammable	0	Flammable	0
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X

**GHS LABEL ELEMENTS:**

**GHS CLASSIFICATION:** Press. Gas  
Mutagen - Category 2  
Reproductive - Category 1B  
STOT RE - Category 1  
Skin Sensitizer - Category 1  
Aquatic Acute - Category 3  
Aquatic Chronic - Category 3

## GHS PICTOGRAMS



**SIGNAL WORD:** Danger

**HAZARD STATEMENTS:** Contains gas under pressure; may explode if heated.  
 May cause an allergic skin reaction.  
 Suspected of causing genetic defects.  
 May damage fertility or the unborn child.  
 Causes damage to organs through prolonged or repeated exposure.  
 Harmful to aquatic life.  
 Harmful to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS:** Obtain, read, and follow all safety instructions before use.  
 Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wash thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Contaminated work clothing must not be allowed out of the workplace.  
 Avoid release to the environment.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 If on skin: Wash with plenty of water.  
 IF exposed or concerned: Get medical advice/attention.  
 Specific treatment (see on this label).  
 Get medical advice/attention if you feel unwell.  
 If skin irritation or rash occurs: Get medical advice/attention.  
 Wash contaminated clothing before reuse.  
 Store locked up.  
 Protect from sunlight. Store in a well-ventilated place.  
 Dispose of contents/container in accordance with local/regional/national/international regulations.

**ADDITIONAL HAZARD IDENTIFICATION INFORMATION:**

**PRIMARY ROUTE OF EXPOSURE:** Skin Contact, Eye Contact

**SIGNS & SYMPTOMS OF EXPOSURE**

**EYES:** May irritate the eyes.

**SKIN:** May irritate the skin.

**INGESTION:** This product is not expected to be ingested. However, ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**INHALATION:** None known.

**ACUTE HEALTH HAZARDS:** See above.

**CHRONIC HEALTH HAZARDS:** Sensitizing effect by skin contact is possible with prolonged exposure.

**CARCINOGENICITY:** None known.

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

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
trans-1-Chloro-3,3,3-tri fluoropropene	102687-65-0	2.5 - 10	NE	NE	NE
2,2'-oxybisethanol	111-46-6	2.5 - 10	NE	NE	WEEL: 10 mg/m <sup>3</sup>
dibutylbis(dodecylthio) stannane	1185-81-5	<=2.5	NE	NE	NE
Polyether Polyol	25322-69-4		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:** If the material is swallowed, seek immediate medical attention. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** None known.

**SECTION 5: FIRE FIGHTING PROCEDURES**

**SUITABLE EXTINGUISHING MEDIA:** Water spray, carbon dioxide, or dry chemical. Fight larger fires with water spray or alcohol resistant foam. Use fire fighting measures that suit the environment.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, carbon dioxide.

**RECOMMENDED FIRE FIGHTING PROCEDURES:** Firefighters should wear full protective clothing including self contained breathing apparatus.

**UNUSUAL FIRE & EXPLOSION HAZARDS:**

Containers may burst if overheated. Cool containers with water spray.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**ACCIDENTAL RELEASE MEASURES:** Absorb spill with inert material. Ventilate the contaminated area. Shovel material into appropriate container for further neutralization and disposal. Evacuate the area promptly. Keep upwind of the spilled material and isolate exposure. Avoid inhalation of vapors and mists. Surfaces may become slippery after a spill. Wear PPE for spill clean up. Stop the flow of material, if possible. Do not allow to drain to sewers.

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**SECTION 7: HANDLING AND STORAGE**

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**HANDLING AND STORAGE:**

Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat and direct sunlight.

**OTHER PRECAUTIONS:**

Empty containers may contain hazardous residuals. Keep away from heat, sparks and open flame. DO NOT cut, drill, puncture, weld or grind on or near full, partially full or empty product containers.  
Store in a cool location away from direct heat.  
Observe official regulations on storing packagings with pressurized containers.

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

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**ENGINEERING CONTROLS / VENTILATION:**

None known.

**RESPIRATORY PROTECTION:**

Use a NIOSH-approved respirator if airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment required.

**EYE PROTECTION:**

Wear safety glasses or chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

**SKIN PROTECTION:**

Neoprene or nitrile gloves are recommended.

**OTHER PROTECTIVE EQUIPMENT:**

Eye wash station and safety shower are recommended.

**WORK HYGIENIC PRACTICES:**

Wash exposed skin prior to eating, drinking or smoking and at the end of each shift.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Hazy aerosol with a slightly sweetish odor.		
<b>FLASH POINT:</b>	Not Applicable	<b>LOWER EXPLOSIVE LIMIT:</b>	Not Applicable
<b>METHOD USED:</b>	No Data	<b>UPPER EXPLOSIVE LIMIT:</b>	Not Applicable
<b>EVAPORATION RATE:</b>	No Data	<b>BOILING POINT:</b>	No Data
<b>pH (undiluted product):</b>	No Data	<b>MELTING POINT:</b>	No Data
<b>SOLUBILITY IN WATER:</b>	Slightly soluble	<b>SPECIFIC GRAVITY:</b>	8.3 lbs/gal
<b>VAPOR DENSITY:</b>	No Data	<b>PERCENT VOLATILE:</b>	No Data
<b>VAPOR PRESSURE:</b>	No Data	<b>VOC (g/L):</b>	<50

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

Stable at room temperature. Avoid high temperatures. Avoid heat, sparks, flame and moisture.

**INCOMPATIBILITY (MATERIAL TO AVOID):**

Oxidizers.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:**

Carbon monoxide, carbon dioxide.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION****TOXICOLOGICAL INFORMATION:**

May irritate the skin.  
 May irritate the eye.  
 Sensitizing effect by skin contact is possible with prolonged exposure.

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

Do not allow undiluted product or large quantities of it to reach groundwater, water course or sewage system.  
 Water hazard class 2 (Self-assessment): hazardous for water

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHOD:** Do not dispose of in household trash. Do not allow product to reach sewage system. Comply with state and local regulations for disposal.

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**SECTION 14: TRANSPORTATION INFORMATION**

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**DOT**

Chemical under pressure, n.o.s. (trans-1-Chloro-3,3,3-trifluoropropene)

**IATA**

Chemical under pressure, n.o.s. (trans-1-Chloro-3,3,3-trifluoropropene)

**IMDG**

Chemical under pressure, n.o.s. (trans-1-Chloro-3,3,3-trifluoropropene)

**UN-Number**

DOT, IMDG, IATA: **UN3500**

UN 3500 CHEMICAL UNDER PRESSURE, N.O.S. (TRANS-1-CHLORO-3,3,3-TRIFLUOROPROPENE), 2

**Transport hazard class(es)**

- DOT
- Class 2.2
- Label 2.2

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**SECTION 15: REGULATORY INFORMATION**

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**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:** Acute Health Hazard

**313 REPORTABLE INGREDIENTS:** None

**CALIFORNIA PROPOSITION 65:** None

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**SECTION 16: OTHER INFORMATION**

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**ADDITIONAL COMMENTS:** None

**DATE OF PREVIOUS SDS:** May 2020

**CHANGES SINCE PREVIOUS SDS:** Ingredient change.

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**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.**