



GAF
Safety Data Sheet
SDS # 4275
SDS Date: May 2025

1. IDENTIFICATION

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

PREPARED BY: Corporate EHS

2. HAZARDS IDENTIFICATION

Label elements

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Gases Under Pressure:	Compressed Gas
Skin Irritation:	Category 1
Skin Sensitization:	Category 1
Reproductive toxicity	Category 1B
STOT-RE:	Category 1

Pictograms:



Signal word: Danger

Hazard statement(s)

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.

Precautionary Statements - Prevention

Obtain, read and follow all safety instructions before use.
Do not breathe dusts or mists.

Wash skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing must not be allowed out of the workplace.
Do not eat, drink or smoke when using this product.
Wear protective gloves/ eye protection/ face protection.
IF ON SKIN: Wash with plenty of soap and water.
IF exposed or concerned: Get medical advice/ attention.
If skin irritation or rash occurs: Get medical advice/ attention.
Wash contaminated clothing before reuse.
Store in a well-ventilated place. Protect from sunlight.
Store locked up.
Dispose of contents/ container to an approved waste disposal plant.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:**SIGNS & SYMPTOMS OF EXPOSURE**

EYES: No data available.
SKIN: May cause an allergic skin reaction.
INGESTION: Ingestion may cause nausea, vomiting, and/or gastrointestinal irritation.
INHALATION: No data available.

ACUTE HEALTH HAZARDS: Skin irritation.
CHRONIC HEALTH HAZARDS: It has the potential to cause skin sensitization among susceptible individuals.
CARCINOGENICITY: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous ingredients**

Chemical name	CAS-No.	Concentration [%]
Carbon dioxide	124-38-9	5-10
Diethylene glycol	111-46-6	1-5
Dibutylbis(dodecylthio)stannane	1185-81-5	1-5

4. FIRST AID MEASURES**Description of first aid measures**

Eye contact Hold eyes open and flush with lukewarm water for at least 15 minutes. Seek immediate medical assistance.

Skin contact Remove contaminated clothing. Wash affected areas with soap and water for at least five minutes. If irritation occurs or persists, seek medical attention. Launder or dry-clean clothing before reuse.

Inhalation	If signs and symptoms of respiratory toxicity are observed, remove subject from area and seek immediate medical attention. Keep the subject warm and at rest.
Ingestion	DO NOT induce vomiting. If the subject is conscious, wash mouth and give 2 or more cups of water. Seek immediate medical assistance. Do not attempt to give anything by mouth to an unconscious or convulsive person.

Most important symptoms and effects, both acute and delayed

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.

Note to physicians	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested.
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5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment including water fog, dry chemical powder, carbon dioxide and chemical foam. DO NOT use water jet.

Unsuitable extinguishing media

None known.

Specific hazards arising from the chemical

Toxic fumes may be released including carbon monoxide.

Explosion data

In a fire or if heated, a pressure increase will occur and the container may burst.

Sensitivity to Static Discharge

None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Isolate materials not yet involved in the fire and protect personnel. Move containers from the fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Remove all sources of ignition.
Use personal protective equipment.
Use breathing protection against the effects of fumes/dust/aerosol.
Evacuate personnel to safe areas.
Ensure adequate ventilation.

Environmental precautions**Environmental precautions**

The product should not be allowed to enter drains, water courses or the soil.
Prevent the material from reaching sewage system, holes and cellars.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and material for containment and cleaning up**Methods for containment**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Non-sparking tools should be used. Ensure adequate ventilation. Send for recovery or disposal in suitable containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Avoid formation of dust and aerosols.
 Use only with adequate ventilation.
 Take note of emission threshold.
 Use solvent-proof equipment.
 Ensure that suitable extractors are available on processing machines.
 Handle with care.
 Keep eye wash bottle available on working place.
 Avoid release to the environment.
 Keep away from children.
 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
 Do not spray on an open flame or other ignition source.
 Do not spray on an open flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep away from children.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep dark, cool and dry.
 Store in cool place.

Incompatible materials

None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
carbon dioxide	124-38-9	TWA	5,000 ppm	ACGIH
		STEL	30,000 ppm	ACGIH
		TWA	5,000 ppm 9,000 mg/m3	OSHA Z-1
		TWA	10,000 ppm 18,000 mg/m3	OSHA P0
		STEL	30,000 ppm 54,000 mg/m3	OSHA P0
		PEL	5,000 ppm 9,000 mg/m3	CAL PEL
		STEL	30,000 ppm 54,000 mg/m3	CAL PEL
dibutylbis(dodecylthio)stannane	1185-81-5	TWA	0.1 mg/m3	OSHA Z-1
		TWA	0.1 mg/m3	ACGIH
		STEL	0.2 mg/m3	ACGIH
		TWA	0.1 mg/m3	OSHA P0
		TWA	0.1 mg/m3	OSHA Z-1
		TWA	0.1 mg/m3	ACGIH
		STEL	0.2 mg/m3	ACGIH
		TWA	0.1 mg/m3	OSHA P0
		TWA	0.1 mg/m3	NIOSH REL

Appropriate engineering controls

Engineering Controls

Showers
 Eyewash stations
 Adequate ventilation

Individual protection measures, such as personal protective equipment**Eye/face protection**

Tightly fitting safety goggles.

Skin and body protection

The glove material has to be impermeable and resistant to the product/the substance/the preparation. The exact break through time can be obtained from the protective glove producer and this has to be observed. The gloves need to be disposed after the penetration time and replaced by new ones. Apply skin protectant before working with gloves to avoid skin swellings and use a skin cleansing and skincare product after the work. For the permanent contact gloves made of the following materials are suitable:

If longer exposure to the chemical preparation is necessary, a sturdy overglove against mechanical strain is recommended in combination with the Barrier 02-100 underglove from Ansell or other suppliers (penetration time: 480 min).

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Butyl rubber (minimum thickness: 0.7 mm; penetration time: 15 min)

As protection from splashes gloves made of the following materials are suitable:

Nitrile (minimum thickness 0.12 mm), Disposable gloves with long cuffs

After contact with the chemical preparation, take the disposable nitrile glove off immediately and put on a new disposable nitrile glove.

Wear protective clothing.

Respiratory protection

Use respiratory protection unless adequate risk management measures (exhaust/ventilation) are provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. In case of brief exposure or low pollution (exceeding of TLV) use breathing filter apparatus. In case of intensive or longer exposure

General Hygiene Considerations

Keep away from food, drink and animal feeding stuffs.
Instantly remove any soiled and impregnated garments.
Wash hands before breaks and immediately after handling the product.
Avoid contact with the eyes and skin.
Store protective clothing separately.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties****Physical state and color**

Colorless sweet smelling liquid.

Property**Values**

pH

No information available

Melting point/freezing point

No information available

Boiling point / boiling range

No information available

Flash point

No information available

Evaporation rate

No information available

Flammability (solid, gas)

No information available

Upper flammability limit:

No information available

Lower flammability limit:

No information available

Vapor pressure

No information available

Density

1.2 g/ml

Specific Gravity

No information available

Water solubility

Not miscible or difficult to mix

Autoignition temperature

No information available

Decomposition temperature

No information available

Explosive properties

Not applicable

Oxidizing properties

No information available

VOC Content

< 50 g/L

10. STABILITY AND REACTIVITY

Reactivity

The product is stable and non-reactive under normal conditions of use, storage, and transport.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Develops readily flammable vapors/fumes.

Conditions to avoid

None under recommended storage and handling conditions.

Incompatible materials

No additional information available.

Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Skin corrosion/irritation : Not classified.

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Suspected of causing genetic defects. May damage fertility or the unborn child.

STOT-single exposure : Not classified

STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulation

No information available.

Other adverse effects

Do not allow product to reach groundwater, water bodies, or sewage system.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of wastes Disposal should be in accordance with applicable local, regional, national and international laws and regulations.

Contaminated packaging Do not reuse containers. Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION**DOT**

UN/ID/NA number: UN 3500
Proper shipping name: Chemical under pressure, n.o.s. (Carbon Dioxide)
Class: 2.2
Packing group: Not assigned by regulation
Labels: NON-FLAMMABLE GAS
ERG Code: 126
Marine pollutant: No

IMDG

UN/ID/NA number: UN 3500
Proper shipping name: Chemical under pressure, n.o.s. (Carbon Dioxide)
Class: 2.2
Packing group: Not assigned by regulation
Labels: 2.2
EmS Code: F-C, S-V
Marine pollutant: No

15. REGULATORY INFORMATION

SARA 311/312 Hazards: Gases under pressure.
Respiratory or skin sensitization.
Germ cell mutagenicity.
Reproductive toxicity.
Specific target organ toxicity (single or repeated exposure).

SARA 302: Not applicable.

SARA 313:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act: Not applicable.

California Proposition 65

This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<u>NFPA</u>	Health hazards 2	Flammability 1	Instability 0	Physical and Chemical Properties -
<u>HMIS</u>	Health hazards 2	Flammability 1	Physical hazards 0	Personal protection X



ADDITIONAL COMMENTS: None.

DATE OF PREVIOUS SDS: New product.

CHANGES SINCE PREVIOUS SDS: None.

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