



GAF
Safety Data Sheet
SDS # 4172
SDS Date: June 2023

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: LRF Adhesive M Low Temperature Cartridge Part 2

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
Health	1	Health	1
Flammable	1	Flammable	1
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Target Organ (SE) - Category 2
Skin Sensitizer - Category 1
Eye Irritant - Category 2A

GHS PICTOGRAMS:

SIGNAL WORD: Warning

HAZARD STATEMENTS: Causes serious eye irritation.
May cause an allergic skin reaction.
May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS: Do not breathe dust/fume/gas/mist/vapors/spray.
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves / eye protection / face protection.
If on skin: Wash with plenty of water.
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 if you feel unwell.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Wash contaminated clothing before reuse.
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: This product causes serious eye irritation.

SKIN: This product may cause an allergic skin reaction.

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: May cause damage to organs through prolonged or repeated exposure..

CARCINOGENICITY: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

			OCCUPATIONAL EXPOSURE LIMITS		
CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	<2.5	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. 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.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No further relevant information available

SECTION 5: FIRE FIGHTING PROCEDURES

- SUITABLE EXTINGUISHING MEDIA:** Use fire fighting measures that suit the environment. Product reacts with water to produce heat and gases.
- HAZARDOUS COMBUSTION PRODUCTS:** Dried solids can burn and release toxic fumes and vapors.
- RECOMMENDED FIRE FIGHTING PROCEDURES:** Firefighters should wear full protective clothing including self contained breathing apparatus.
- UNUSUAL FIRE & EXPLOSION HAZARDS:** No further relevant information available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Wear protective equipment.
Keep unprotected persons away.
Ensure adequate ventilation
Environmental precautions:
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water. □
Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste in accordance with federal state and local regulations.
Ensure adequate ventilation.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid prolonged or repeated contact with skin.
Avoid contact with eyes.
Wash thoroughly after handling.
Open containers in a well ventilated area and avoid breathing headspace vapors.
Store away from oxidizing agents.

OTHER PRECAUTIONS: No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Provide adequate local ventilation to maintain worker exposure below exposure limits.

RESPIRATORY PROTECTION: Not necessary if room is well-ventilated. Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer

EYE PROTECTION: Wear safety glasses and a face shield or chemical goggles.

SKIN PROTECTION: The use of neoprene, nitrile or butyl rubber gloves is recommended. Wear an apron and protective work clothing.

OTHER PROTECTIVE EQUIPMENT: Eye wash stations and safety showers are recommended.

WORK HYGIENIC PRACTICES: 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

APPEARANCE & ODOR:	Colorless liquid with a polyether odor.		
FLASH POINT:	>662 °F	LOWER EXPLOSIVE LIMIT:	No Data
METHOD USED:	Pensky-Martin CC	UPPER EXPLOSIVE LIMIT:	No Data
pH:	9-10	BOILING POINT:	No Data
IGNITION TEMPERATURE:	752 °F	MELTING POINT:	No Data
SOLUBILITY IN WATER:	Slightly soluble	SPECIFIC GRAVITY:	8.1 lbs/gal
VAPOR DENSITY:	No Data	PERCENT VOLATILE:	No Data
VAPOR PRESSURE:	No Data	MOLECULAR WEIGHT:	No Data
VOC WITH WATER (G/L):	<50	SPECIFIC GRAVITY (LBS/GAL):	No Data

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

Exposure to high temperatures.

INCOMPATIBILITY (MATERIAL TO AVOID):

Reacts with oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Carbon monoxide and carbon dioxide

HAZARDOUS POLYMERIZATION:

No further relevant information available.

SECTION 11: TOXICOLOGICAL INFORMATION**TOXICOLOGICAL INFORMATION:****Primary irritant effect:**☐ on the skin:

Skin irritant.

☐ on the eye:

May irritate the eye.

☐ Sensitization:

Skin Contact - Sensitization possible through skin contact.

☐ Additional toxicological information:

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

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Do not allow undiluted product or large quantities of it to reach groundwater, water course or sewage system.
Toxic for aquatic organisms

Water hazard class 1 (Self-assessment): slightly hazardous for water

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated adhering to official regulations.
Disposal must be made according to official regulations.

SECTION 14: TRANSPORTATION INFORMATION

DOT

Not regulated.

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 of the ingredients are listed.

SARA

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

313 REPORTABLE INGREDIENTS: No further relevant information available.

CALIFORNIA PROPOSITION 65: None.

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None

DATE OF PREVIOUS SDS: May 2020

CHANGES SINCE PREVIOUS SDS: SDS Update.

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