



**GAF**  
**Safety Data Sheet**  
**SDS # 4023**  
**SDS Date: May 2019**

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**SECTION 1: PRODUCT AND COMPANY INFORMATION**

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**PRODUCT NAME:** TPO LRF Adhesive M LTA Part 2  
**MANUFACTURER:** GAF  
**ADDRESS:** 1 Campus Drive, Parsippany, NJ 07054  
**24-HOUR EMERGENCY  
PHONE (CHEMTREC):** 800 – 424 – 9300  
**INFORMATION ONLY:** 800 – 766 – 3411  
**PREPARED BY:** Corporate EHS  
**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	1	Flammable	1
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X

**GHS LABEL ELEMENTS:**

**GHS  
CLASSIFICATION:** Skin Sens. - 1

**GHS PICTOGRAMS:**



**SIGNAL WORD:** Warning

**HAZARD STATEMENTS:** May cause an allergic skin reaction.

**PRECAUTIONARY STATEMENTS:** Avoid breathing dust/fume/gas/mist/vapors/spray  
Wear protective gloves.  
Wash thoroughly after handling.  
Contaminated work clothing must not be allowed out of the workplace.

**ADDITIONAL HAZARD IDENTIFICATION INFORMATION:**

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

**SIGNS & SYMPTOMS OF EXPOSURE**

**EYES:** May irritate the eyes.

**SKIN:** Irritating to the skin. Prolonged contact can cause reddening of the skin.

**INGESTION:** Not expected to be ingested.

**INHALATION:** None known.

**ACUTE HEALTH HAZARDS:** Irritation to the eyes and skin.

**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
alcohols, C12-C14, ethoxylated, sulfates, sodium salts, >1.0<2.5 mol EO	68891-38-3	<1	NE	NE	NE

NE = Not Established

**SECTION 4: FIRST AID MEASURES****FIRST AID PROCEDURES**

**EYES:** Flush eyes with water for 20 minutes. If irritation persists, call a physician.

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<b>SKIN:</b>	Wash area thoroughly with soap and water. If skin becomes irritated seek medical attention.
<b>INHALATION:</b>	Remove person to an area that has fresh air. If breathing has stopped, administer artificial respiration. Contact physician immediately.
<b>INGESTION:</b>	Rinse out mouth with water. Drink 1 - 2 glasses of water but DO NOT induce vomiting. Do not give liquids to a drowsy, convulsing or unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.  Seek medical treatment.
<b>NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:</b>	No further relevant information available.

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**SECTION 5: FIRE FIGHTING PROCEDURES**

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<b>SUITABLE EXTINGUISHING MEDIA:</b>	Water spray, CO <sub>2</sub> , Dry chemical or foam.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Carbon dioxide and carbon monoxide.
<b>RECOMMENDED FIRE FIGHTING PROCEDURES:</b>	Self-contained breathing apparatus recommended.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	Dried solids can burn and release toxic fumes and vapors.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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<b>ACCIDENTAL RELEASE MEASURES:</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.  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.
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**SECTION 7: HANDLING AND STORAGE****HANDLING AND STORAGE:**

Store in a well ventilated area.

Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Avoid prolonged exposure. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment.

**OTHER PRECAUTIONS:**

None.

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

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure limits.

**RESPIRATORY PROTECTION:**

Use NIOSH-approved respirator if required.

**EYE PROTECTION:**

Safety goggles or safety glasses with side shields.

**SKIN PROTECTION:**

Wear appropriate impermeable gloves and protective clothing as necessary to prevent skin contact.

**WORK HYGIENIC PRACTICES:**

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

**EXPOSURE GUIDELINES:**

Not applicable.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Amber liquid with a polyether odor.		
<b>FLASH POINT:</b>	Not applicable	<b>LOWER EXPLOSIVE LIMIT:</b>	Not applicable
<b>METHOD USED:</b>	Not applicable	<b>UPPER EXPLOSIVE LIMIT:</b>	Not applicable
<b>EVAPORATION RATE:</b>	No data	<b>BOILING POINT:</b>	>177° C
<b>pH (undiluted product):</b>	No data	<b>MELTING POINT:</b>	No data
<b>SOLUBILITY IN WATER:</b>	Reacts with water	<b>SPECIFIC GRAVITY:</b>	8.1 lbs/gal
<b>VAPOR DENSITY:</b>	No data	<b>PERCENT VOLATILE:</b>	No data
<b>VAPOR PRESSURE:</b>	No data	<b>MOLECULAR WEIGHT:</b>	No data

VOC WITH WATER (LBS/GAL):	0.0%	WITHOUT WATER (LBS/GAL):	0.0%
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**SECTION 10: STABILITY AND REACTIVITY****THERMAL STABILITY:****STABLE X****UNSTABLE****INCOMPATIBILITY:**

Oxidizing agents.

**HAZARDOUS DECOMPOSITION  
OR BY- PRODUCTS:**

Decomposes to carbon dioxide and carbon monoxide.

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

Skin irritant.

**on the eye:** Irritating effect.**Sensitization:**

Inhalation – No effects known.

Contact – No effects known.

**Additional toxicological information:**

None.

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

No information available.

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

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national regulations.

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

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

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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 of the ingredients is listed.

**SARA**

**311/312 HAZARD CATEGORIES:** Acute Health Hazard

**313 REPORTABLE INGREDIENTS:** None of the ingredients is listed.

**CALIFORNIA PROPOSITION 65:** None of the ingredients is listed.

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**SECTION 16: OTHER INFORMATION**

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**ADDITIONAL COMMENTS:** None.

**DATE OF PREVIOUS SDS:** None. New SDS.

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

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This information relates to the specific material designated and may not be valid for such material used on 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.