GAF
Safety Data Sheet
SDS # 3040
SDS Date: March 2018

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME:	UNITED COATINGS ROOF MATE LIQUID FABRIC FLASHING
TRADE NAME:	N/A
CHEMICAL NAME / SYNONYM:	N/A
CHEMICAL FAMILY:	N/A
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

SECTION 2: HAZARDS IDENTIFICATION

NFPA and HMIS RATINGS:

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

GHS LABEL ELEMENTS:

GHS CLASSIFICATION:

Target Organ (RE) - Category 1
Target Organ (SE) - Category 2
Eye Irritant - Category 2A
Skin Irritant - Category 2
Carcinogenicity - Category 2
Hazardous to the Aquatic Environment (Chronic) - Category 1
Hazardous to the Aquatic Environment (Acute) - Category 1

GHS PICTOGRAMS: 

SIGNAL WORD: Danger

HAZARD STATEMENTS:
May cause damage to organs through prolonged or repeated exposure.
Causes skin irritation.
Harmful if inhaled.
Harmful if swallowed.
Suspected of causing cancer.
Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:
Wash thoroughly after handling.
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 lens if present and easy to do.
Continue rinsing.
Specific treatment:
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.

ADDITIONAL HAZARD RECOGNITION:

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

SIGNS & SYMPTOMS OF EXPOSURE

EYES: Exposure to vapors can cause conjunctivitis or irritation to the eyes.

SKIN: Slight irritation of the skin. Prolonged contact can cause reddening of the skin.

INGESTION: Not expected to be ingested.

INHALATION: Vapors or mists can cause mental sluggishness, irritation of nasal passages, throat and lungs. Can cause headaches.

ACUTE HEALTH HAZARDS: Excessive exposure can cause pulmonary edema.

CHRONIC HEALTH HAZARDS: None known

CARCINOGENICITY: IARC has determined that occupational exposure to Titanium Dioxide is possibly carcinogenic to humans (Group 2B).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

			OCCUPATIONAL EXPOSURE LIMITS		
CHEMICAL NAME	**CAS #**	**% (BY WT)**	**OSHA**	**ACGIH**	**OTHER**
Calcium Carbonate	1317-65-3	35 – 45	5 mg/m3 – resp. 15 mg/m3 – total	3 mg/m3 – resp. 10 mg/m3 – total	REL: 5 mg/m3 – resp., 10 mg/m3 – total
Titanium Dioxide	13463-67-7	2 – 10	15 mg/m3 – total	10 mg/m3 – total	REL: lowest feasible concentration
Zinc Oxide	1314-13-2	2 – 10	5 mg/m3 – resp. 15 mg/m3 – total	2 mg/m3 – resp. 10 mg/m3 – resp. STEL	REL: 5 mg/m3, 15 mg/m3 – ceiling
Ethylene Glycol	107-21-1	2 – 10	NE	100 ppm – ceiling	NE
Non-hazardous ingredients	n/a	45 – 55	NE	NE	NE

NE = Not Established

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES: Flush eyes with water for 15 minutes. If irritation persists, call a physician.

SKIN: Wash area thoroughly with soap and water.

INHALATION: Remove person to an area that has fresh air. If breathing has stopped, administer artificial respiration. Contact physician immediately.

INGESTION: If patient is awake, induce vomiting by giving two glasses of water and pressing down at back of throat. Call physician immediately. Never give anything by mouth to an unconscious person.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Excessive exposure can cause pulmonary edema.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA:	Water spray, CO_2, Dry chemical or foam.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide and carbon monoxide.
RECOMMENDED FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus recommended.
UNUSUAL FIRE & EXPLOSION HAZARDS:	None

SECTION 7: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:	Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

SECTION 8: HANDLING AND STORAGE

HANDLING AND STORAGE:	Store in a well ventilated area at 50 – 80 ^{o}F.
OTHER PRECAUTIONS:	Protect from freezing.

SECTION 9: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION:	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure limits.
RESPIRATORY PROTECTION:	Wear a NIOSH approved organic vapor/particulate respirator as needed. Wear respiratory protection if ventilation is inadequate.
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.
OTHER PROTECTIVE EQUIPMENT:	N/A
WORK HYGIENIC PRACTICES:	Wash exposed skin prior to eating, drinking, or smoking and at the end of each shift.
EXPOSURE GUIDELINES:	N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Heavy paste with ammonia odor.		
FLASH POINT:	> 240 °F	**LOWER EXPLOSIVE LIMIT:**	No data
METHOD USED:	TCC	**UPPER EXPLOSIVE LIMIT:**	No data
EVAPORATION RATE:	1.0	**BOILING POINT:**	212 °F
pH (undiluted product):	No data	**MELTING POINT:**	No data
SOLUBILITY IN WATER:	Dilutable in water	**SPECIFIC GRAVITY:**	1.37
VAPOR DENSITY:	No data	**PERCENT VOLATILE:**	No data
VAPOR PRESSURE:	No data	**MOLECULAR WEIGHT:**	No data
VOC WITH WATER (LBS/GAL):	No data	**WITHOUT WATER (LBS/GAL):**	No data

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY: **STABLE X** **UNSTABLE** ☐

CONDITIONS TO AVOID (STABILITY): None known

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Toxicity

Product/ingredient name	Result	Species	Exposure
Zinc oxide	Acute EC50 0.042 mg/L Fresh water	Algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours
	Acute LC50 98 µg/L Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 1.1 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Chronic NOEC 0.017 mg/L Fresh water	Algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Incinerate or dispose of in a licensed facility. Do not discharge into drains, surface waters or groundwaters. Containers should be disposed of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of containers.

SECTION 14: TRANSPORTATION INFORMATION

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

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

CERCLA: Ethylene Glycol, 107-21-1, 5,000 lbs.

SARA

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

313 REPORTABLE INGREDIENTS: None

CALIFORNIA PROPOSITION 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

TITANIUM DIOXIDE (CAS 13463-67-7) Listed: September 2, 2011

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

Chemical Name	CAS #	CA	MA	MN	NJ	PA	RI
Calcium Carbonate	1317-65-3	No	Yes	Yes	No	Yes	Yes
Titanium Dioxide	13463-67-7	No	No	Yes	Yes	Yes	Yes
Zinc Oxide	1314-13-2	Yes	No	Yes	Yes	Yes	Yes
Ethylene Glycol	107-21-1	Yes	Yes	Yes	Yes	Yes	Yes

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None

DATE OF PREVIOUS SDS: November 2015

CHANGES SINCE PREVIOUS SDS: Changes to Sections 2, 3, 9, and 15.

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.