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**SECTION 1: PRODUCT AND COMPANY INFORMATION**

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**PRODUCT NAME:** United Coatings™ Roof Mate Spray Grade 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

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**SECTION 2: HAZARDS IDENTIFICATION**

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**NFPA and HMIS RATINGS:**

	<b>NFPA Hazard Rating</b>		<b>HMIS Hazard Rating</b>
	2		2
<b>Special Hazards</b>	-	<b>Personal Protection</b>	X

**GHS LABEL ELEMENTS:**

**GHS CLASSIFICATION:** Target Organ (RE) - Category 1  
Target Organ (SE) - Category 2  
Eye Irritant - Category 2A  
Eye Damage - Category 1  
Skin Irritant - Category 2  
Skin Corrosive - Category 1B  
Skin Sensitizer - Category 1  
Acute Toxicity - Category 4  
Mutagenicity - Category 1B  
Carcinogenicity - Category 2  
Hazardous to the Aquatic Environment (Chronic) - Category 1  
Hazardous to the Aquatic Environment (Acute) - Category 1

## GHS PICTOGRAMS:



**SIGNAL WORD:** Warning

**HAZARD STATEMENTS:** May cause damage to organs through prolonged or repeated exposure  
Causes skin irritation  
Causes serious eye irritation or damage  
Harmful if inhaled  
Harmful if swallowed  
May cause an allergic skin reaction  
Repeated exposure may cause skin dryness and cracking  
May cause genetic defects  
Suspected of causing cancer  
May cause respiratory irritation  
Suspected of damaging fertility or the unborn child  
Very Toxic to aquatic life with long lasting effects

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**ADDITIONAL HAZARD IDENTIFICATION INFORMATION:**

**PRIMARY ROUTE OF EXPOSURE:** Skin Absorption, Inhalation, and Ingestion

**SIGNS & SYMPTOMS OF EXPOSURE**

**EYES:** Exposure to vapors may cause conjunctivitis or eye irritation.

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

**INGESTION:** If patient is awake, induce vomiting.

**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). IARC concluded lung tumors were observed in rats following high dose exposure by inhalation and in female rats exposed by intra-tracheal instillation. Other studies have shown no tumors in rats following inhalation exposure and no tumors in mice or rats following oral exposure.

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

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Calcium Carbonate (Limestone)	1317-65-3	35 - 45	5 mg/m <sup>3</sup> - Resp. 15 mg/m <sup>3</sup> - Total	NE	REL: 5 mg/m <sup>3</sup> - Resp. 10 mg/m <sup>3</sup> - Total
Titanium Dioxide	13463-67-7	2 - 10	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> - Total	NE
Zinc Oxide	1314-13-2	2 - 10	5 mg/m <sup>3</sup> - Resp. 15 mg/m <sup>3</sup> - Total	2 mg/m <sup>3</sup> Respirable	REL: 5 mg/m <sup>3</sup> - Dust
Ammonium Hydroxide	1336-21-6	0 - 2	NE	NE	NE
Non-Hazardous Ingredients	N/A	50 - 60	NE	NE	NE

**NE = Not Established**

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

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

**SKIN:** Wash with soap and water.

**INHALATION:** Move the individual to an area with fresh air or provide oxygen immediately, call physician.

**INGESTION:** Call physician immediately.

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

**SECTION 5: FIRE FIGHTING PROCEDURES**

**SUITABLE EXTINGUISHING MEDIA:** Water spray, CO<sub>2</sub>, dry chemical or foam for the dry film.

**HAZARDOUS COMBUSTION PRODUCTS:** N/A

**RECOMMENDED FIRE FIGHTING PROCEDURES:** Use self-contained breathing apparatus and protective clothing.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** N/A

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**ACCIDENTAL RELEASE MEASURES:** Dam up area to prevent spreading of material. Provide ventilation in closed areas. Dry up the compound using an absorbent material.

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**SECTION 7: HANDLING AND STORAGE**

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**HANDLING AND STORAGE:** Store in a well ventilated area at temperatures between 50 - 80° F.

**OTHER PRECAUTIONS:** Protect from freezing.

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

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**ENGINEERING CONTROLS / VENTILATION:** Provide sufficient mechanical ventilation to maintain exposure below exposure limits.

**RESPIRATORY PROTECTION:** Use NIOSH approved organic vapor cartridge type respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).

**EYE PROTECTION:** Splash Goggles.

**SKIN PROTECTION:** Wear appropriate impermeable gloves 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

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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<b>APPEARANCE &amp; ODOR:</b>	Heavy white liquid with ammonia odor.		
<b>FLASH POINT:</b>	>240° F	<b>LOWER EXPLOSIVE LIMIT:</b>	No Data
<b>METHOD USED:</b>	TCC	<b>UPPER EXPLOSIVE LIMIT:</b>	No Data
<b>EVAPORATION RATE:</b>	1.0	<b>BOILING POINT:</b>	212° F
<b>pH (undiluted product):</b>	No Data	<b>MELTING POINT:</b>	No Data
<b>SOLUBILITY IN WATER:</b>	Soluble	<b>SPECIFIC GRAVITY:</b>	1.44
<b>VAPOR DENSITY:</b>	No Data	<b>PERCENT VOLATILE:</b>	No Data
<b>VAPOR PRESSURE:</b>	No Data	<b>MOLECULAR WEIGHT:</b>	No Data
<b>VOC WITH WATER (LBS/GAL):</b>	.33	<b>WITHOUT WATER (LBS/GAL):</b>	No Data

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**SECTION 10: STABILITY AND REACTIVITY**

**THERMAL STABILITY:**

**STABLE** X

**UNSTABLE**

**CONDITIONS TO AVOID (STABILITY):** N/A

**INCOMPATIBILITY (MATERIAL TO AVOID):** N/A

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

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** No information available.

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**SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** No information available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHOD:** This product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal

**RCRA HAZARD CLASS:** N/A

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**SECTION 14: TRANSPORTATION INFORMATION**

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**U.S. DOT TRANSPORTATION**

**PROPER SHIPPING NAME:** This product is not classified as a hazardous liquid for transport.

**HAZARD CLASS:** N/A

**ID NUMBER:** N/A

**PACKING GROUP:** N/A

**LABEL STATEMENT:** N/A

**OTHER:** N/A

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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:** N/A

**SARA**

**311/312 HAZARD CATEGORIES:** N/A

**313 REPORTABLE INGREDIENTS:** N/A

**CALIFORNIA PROPOSITION 65:** N/A

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

<b>Chemical Name</b>	<b>CAS #</b>	<b>CA</b>	<b>MA</b>	<b>MN</b>	<b>NJ</b>	<b>PA</b>	<b>RI</b>
Calcium Carbonate (Limestone)	1317-65-3	No	No	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

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**SECTION 16: OTHER INFORMATION**

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**ADDITIONAL COMMENTS:** N/A

**DATE OF PREVIOUS SDS:** February 2016

**CHANGES SINCE PREVIOUS SDS:** Name change from Topcoat Flashing – Spray Grade to United Coatings Roof Mate Spray Grade Flashing.

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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.**