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**SECTION 1: PRODUCT AND COMPANY INFORMATION**

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**PRODUCT NAME:** UNITED COATINGS ROOF MATE PATINA GREEN  
**MANUFACTURER:** GAF  
**ADDRESS:** 1 Campus Drive, Parsippany, NJ 07054  
**24-HOUR EMERGENCY PHONE (CHEMTREC):** 800 – 424 – 9300  
**INFORMATION ONLY:** 877-423-7663  
**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	0	Flammable	0
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X

**GHS LABEL ELEMENTS:**

**GHS CLASSIFICATION:** Carcinogen – Category 2  
Skin Irritation – Category 3

**GHS  
PICTOGRAMS:**



**SIGNAL WORD:** Warning

**HAZARD  
STATEMENTS:** Suspected of causing cancer.  
Causes mild skin irritation.

**PRECAUTIONARY  
STATEMENTS:** Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Avoid release to the environment.  
Wear protective gloves/protective clothing/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.

**ADDITIONAL HAZARD IDENTIFICATION INFORMATION:**

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

**SIGNS & SYMPTOMS OF EXPOSURE**

**EYES:** Direct contact with the eyes may cause temporary irritation.

**SKIN:** Prolonged skin contact may cause temporary irritation.

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

**INHALATION:** May cause damage to organs through prolonged or repeated exposure by inhalation. Prolonged inhalation may be harmful.

**ACUTE HEALTH HAZARDS:** Prolonged inhalation may be harmful.

**CHRONIC HEALTH HAZARDS:** None known

**CARCINOGENICITY:**

IARC has determined that occupational exposure to Carbon Black is possibly carcinogenic to humans (Group 2B).

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

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Calcium Carbonate	1317-65-3	20 – 30	5 mg/m <sup>3</sup> – resp. 15 mg/m <sup>3</sup> – total	3 mg/m <sup>3</sup> – resp. 10 mg/m <sup>3</sup> – total	REL: 5 mg/m <sup>3</sup> – resp., 10 mg/m <sup>3</sup> – total
Aluminum Trihydroxide	21645-51-2	10 - <20	NE	1 mg/m <sup>3</sup>	NE
Yellow Oxide	NA	1 to <5	NE	NE	NE
Carbon Black	1333-86-4	1 to <5	TWA: 3.5 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup> inhalable particulate matter	
Aqua Ammonia (10-30%)	1336-21-6	0.1 - <1	35 mg/m <sup>3</sup>	35 ppm - STEL	35 ppm
Paraffinic Oil	64742-65-0	0.1 - <1	2000 mg/m <sup>3</sup> 500 ppm	5 mg/m <sup>3</sup>	NE
Non-hazardous ingredients	-	51 – 65	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 the area thoroughly with soap and water.

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

**INGESTION:** Rinse mouth. Call a physician immediately. Never give anything by mouth to an unconscious person.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Upper respiratory tract irritation. Irritation of eyes and mucous membranes. Coughing. Skin irritation.

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#### **SECTION 5: FIRE FIGHTING PROCEDURES**

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**SUITABLE EXTINGUISHING MEDIA:** Water spray, CO<sub>2</sub>, 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

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#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**ACCIDENTAL RELEASE MEASURES:** 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. Dam up area to prevent spreading. Caution – area will be slippery. Use absorbent material to dry up the compound.

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#### **SECTION 7: HANDLING AND STORAGE**

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##### **HANDLING AND STORAGE:**

Store in a well ventilated area at 50 – 80 °F. Obtain special instructions before use. 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:** Protect from freezing.

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

<b>ENGINEERING CONTROLS / VENTILATION:</b>	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure limits.
<b>RESPIRATORY PROTECTION:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>EYE PROTECTION:</b>	Safety goggles or safety glasses with side shields.
<b>SKIN PROTECTION:</b>	Wear appropriate impermeable gloves and protective clothing as necessary to prevent skin contact.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Not applicable.
<b>WORK HYGIENIC PRACTICES:</b>	Wash exposed skin prior to eating, drinking, or smoking and at the end of each shift.
<b>EXPOSURE GUIDELINES:</b>	Not applicable.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Heavy green liquid with a slight ammonia odor.		
<b>FLASH POINT:</b>	Not applicable	<b>LOWER EXPLOSIVE LIMIT:</b>	No data
<b>METHOD USED:</b>	TCC	<b>UPPER EXPLOSIVE LIMIT:</b>	No data
<b>EVAPORATION RATE:</b>	No data	<b>BOILING POINT:</b>	No data
<b>pH (undiluted product):</b>	No data	<b>MELTING POINT:</b>	No data
<b>SOLUBILITY IN WATER:</b>	Dilutable in water	<b>SPECIFIC GRAVITY:</b>	1.42
<b>DENSITY:</b>	11.84 lbs/gal	<b>PERCENT VOLATILE:</b>	No data
<b>VAPOR PRESSURE:</b>	No data	<b>MOLECULAR WEIGHT:</b>	No data
<b>VOC CALCULATED g/L:</b>	<50		

**SECTION 10: STABILITY AND REACTIVITY**

<b>THERMAL STABILITY:</b>	<b>STABLE X</b>	<b>UNSTABLE</b>
<b>CONDITIONS TO AVOID (STABILITY):</b>	None known	

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidizing agents.

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

**HAZARDOUS POLYMERIZATION:** Will not occur

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**Inhalation** May cause damage to organs through prolonged or repeated exposure by inhalation.  
**Skin contact** May cause mild skin irritation.  
**Eye contact** Direct contact with the eyes may cause temporary irritation.  
**Ingestion** Expected to be a low ingestion hazard.

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**Aqua Ammonia (10-30%) (CAS 1336-21-6)**

Acute (Oral) LD50: Rat 350 mg/kg

**Aluminum Trihydroxide (CAS 21645-51-2)**

Acute (Oral) LD50: Rat >5000 mg/kg

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Carcinogenicity** Suspected of causing cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Carbon Black 2B Possibly carcinogenic to humans.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHOD:** Collect and reclaim or dispose in sealed containers at a 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/international regulations.

**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:** Aqua Ammonia (10-30%) (CAS 1336-21-6) Listed.

**SARA**

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

**313 REPORTABLE INGREDIENTS:** Aqua Ammonia (10-30%) 1336-21-6

**CALIFORNIA PROPOSITION 65:**

Diuron (CAS 330-54-1)

Carbon Black (CAS 1333-86-4)

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
Aqua Ammonia (10-30%)	1336-21-6	No	Yes	Yes	Yes	Yes	Yes

**SECTION 16: OTHER INFORMATION**

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**ADDITIONAL COMMENTS:** None

**DATE OF PREVIOUS SDS:** Not Applicable.

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

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