



SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: United Coatings™ RoofShield® IS Fast Dry Elastomeric Acrylic Coating Part B

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: HAZARD IDENTIFICATION

NFPA and HMIS RATINGS:

	NFPA Hazard Rating		HMIS Hazard Rating
	2		2
	0		0
	0		0
Special Hazards	-	Personal Protection	C

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Eye Damage - Category 2A
Metal Corrosion – Category 1

GHS PICTOGRAMS:**SIGNAL WORD:** Warning**HAZARD STATEMENTS:**

Causes serious eye irritation.
May be corrosive to metals.

PRECAUTIONARY STATEMENTS:

Wear eye/face protection.
Keep only in original container.
Wash with plenty of water and soap thoroughly after handling.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection.
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for at least 15 minutes.
Remove contact lenses, if present and easy to do.
Store in corrosive resistant container with a resistant inner liner.
Dispose of contents/container in accordance with local regulation.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:**PRIMARY ROUTE OF EXPOSURE:** Eye contact.**SIGNS & SYMPTOMS OF EXPOSURE****EYES:** Contact can cause severe irritation.**SKIN:** Not irritating.**INGESTION:** Harmful if ingested.**INHALATION:** Short-term harmful health effects are not expected from vapors generated at ambient temperatures.**ACUTE HEALTH HAZARDS:** The most important known symptoms and effects are described above.**CHRONIC HEALTH HAZARDS:** Preexisting eye disorders may be aggravated by direct contact to this product.**CARCINOGENICITY:** There are no components in this product that are listed as a carcinogen by NTP, IARC, ACGIH or OSHA.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Inorganic salt - Trade Secret*	NE	10-15	NE	NE	NE

*TSRN 161090809-6951

NE = Not Established**SECTION 4: FIRST AID MEASURES****FIRST AID PROCEDURES**

- EYES:** Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
- SKIN:** Immediately remove clothing. Wash thoroughly with soap and water.
- INHALATION:** If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation persists.
- INGESTION:** Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5: FIRE FIGHTING PROCEDURES

- SUITABLE EXTINGUISHING MEDIA:** Foam, CO₂, water and dry chemical. Use extinguishing measures to suit surroundings. Product itself is non-combustible. Only the packaging materials can catch fire.
- HAZARDOUS COMBUSTION PRODUCTS:** Thermal decomposition may produce toxic fumes of sulfur oxides.
- RECOMMENDED FIRE FIGHTING PROCEDURES:** Wear full protective clothing and positive pressure self-contained breathing apparatus.
- UNUSUAL FIRE & EXPLOSION HAZARDS:** Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Contain large spill by building a dike with absorbent material. Collect remainder of the spill with absorbent material and place the material into a container approved for waste disposal. For minor spills, collect with absorbent material and dispose in accordance to governmental regulations.

High risk of slipping due to leakage/spillage of product.

Do not breathe vapor/spray. Avoid contact with the skin, eyes and clothing. Use personal protective clothing. Information regarding personal protective measures see, section 8

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Use personal protection recommended in Section 8. Avoid eye, skin and clothing contact. Store in a cool, dry area away from incompatible materials.

Store in a corrosion-resistant container with a resistant inner liner.

OTHER PRECAUTIONS:

None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION:

Use in a well ventilated area.

RESPIRATORY PROTECTION:

Not ordinarily required. Use NIOSH or MSHA approved respirator as appropriate.

EYE PROTECTION:

Wear safety glasses or goggles to avoid eye contact. Wear a face-shield where splashing may occur.

SKIN PROTECTION:

Wear chemical resistant gloves and protective clothing (apron, boots, etc.) to minimize contact with skin.

OTHER PROTECTIVE EQUIPMENT:

N/A

WORK HYGIENIC PRACTICES:

Avoid contact with eyes and skin. Wash thoroughly after handling.

EXPOSURE GUIDELINES:

Hands and/or face should be washed before breaks and at the end

of the shift. Store work clothing separately.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Odorless liquid.		
FLASH POINT:	Not flammable	LOWER EXPLOSIVE LIMIT:	Not flammable
FREEZING RANGE	4 - 30 °F	UPPER EXPLOSIVE LIMIT:	Not flammable
EVAPORATION RATE:	No data	BOILING POINT:	214 °F
pH (undiluted product):	3.5	MELTING POINT:	31 °F
SOLUBILITY IN WATER:	Soluble	SPECIFIC GRAVITY:	No data.
DENSITY:	1.1 g/cm ³	PERCENT NON-VOLATILE:	No data
VAPOR PRESSURE:	No data.	SPECIFIC GRAVITY:	No data.
VOC (g/L):	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): Contact with copper salts, strong oxidizing agents, copper alloys, carbon steel (iron), iron compounds.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Possible thermal decomposition products: sulfur oxides, metallic oxides

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion.

Oral

Type of value: LD50

Species: rat

Value: > 2,000 – 10,000 mg/kg

Inhalation

Type of value: ATE

Value: > 5 mg/l

Exposure time: 4 H

Determined for mist

Dermal

Type of value: ATE

Value: > 5,000 mg/kg

Assessment other acute effects

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Irritation / corrosion

Assessment of irritating effects: Eye contact causes irritation. Not irritating to the skin.

Skin

Species: rabbit

Result: non-irritant

Method: OECD Guideline 404

Eye

Species: rabbit

Not determined.

Sensitization

Assessment of sensitization: There is no evidence of a skin-sensitizing potential.

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects**Repeated dose toxicity**

Assessment of repeated dose toxicity: No adverse effects were observed after repeated exposure in animal studies. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Genetic toxicity

Assessment of mutagenicity: The substance was not mutagenic in bacteria. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Carcinogenicity

Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

Reproductive toxicity

Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

Teratogenicity

Assessment of teratogenicity: The data available for an assessment of the effect of the substance on developmental toxicity are not sufficient for a proper evaluation.

Other Information

The product has not been tested. The statement has been derived from the properties of the individual components.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:**Toxicity**

Toxicity to fish
LC50 (96 h), Fish
not determined

Aquatic invertebrates
LC50 (48 h), daphnia
not determined

Aquatic plants
EC50 (72 h), algae
not determined

Chronic toxicity to fish
No data available.

Persistence and degradability

Assessment biodegradation and elimination (H₂O)
The product has not been tested.

Bioaccumulative potential

Assessment bioaccumulation potential
The product has not been tested.

Mobility in soil

Assessment transport between environmental compartments
No data available.

Additional information

Other ecotoxicological advice:

Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with national, state and local regulations. Do not discharge substance/product into sewer system.

Container disposal: Since emptied container retains product residue, all labeled hazard precautions must be observed.

SECTION 14: TRANSPORTATION INFORMATION

Land transport**USDOT**

Hazard class: 8

Packing group: III

ID number: UN 3264

Hazard label: 8

Proper shipping name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (contains ALUMINIUM SULPHATE)

Sea transport**IMDG**

Hazard class: 8

Packing group: III

ID number: UN 3264

Hazard label: 8

Marine pollutant: NO

Not regulated as dangerous goods.

Proper shipping name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (contains ALUMINIUM SULPHATE)

Air transport**IATA/ICAO**

Hazard class: 8

Packing group: III

ID number: UN 3264

Hazard label: 8

Proper shipping name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (contains ALUMINIUM SULPHATE)

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

311/312 HAZARD CATEGORIES: Immediate (acute) health hazard.

313 REPORTABLE INGREDIENTS: None

CALIFORNIA PROPOSITION 65:

Not Applicable

State RTK NJ, PA	CAS Number Trade Secret	Chemical name Inorganic salt
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CERCLA RQ 5000 LBS	CAS Number Trade Secret	Chemical name Inorganic salt
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SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: Not Applicable

DATE OF PREVIOUS SDS: Not Applicable

CHANGES SINCE PREVIOUS SDS: New Product.

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.