



SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: United Coatings Elastuff 103 Roof Coating Part 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: HAZARD IDENTIFICATION

NFPA and HMIS RATINGS:

	NFPA Hazard Rating		HMIS Hazard Rating
Health	2	Health	2
Flammable	3	Flammable	3
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Flammable liquids – Category 3
Acute toxicity, oral – Category 4
Acute toxicity, inhalation – Category 4
Skin corrosion/irritation – Category 2
Serious eye damage/eye irritation – Category 2
Carcinogenicity – Category 1A
Reproductive toxicity – Category 2
Specific target organ toxicity, repeated exposure – Category 2
Hazardous to the aquatic environment, acute hazard – Category 3
Hazardous to the aquatic environment, long-term hazard – Category 2



SIGNAL WORD: Danger

HAZARD STATEMENTS: Flammable liquid and vapor
 Harmful if swallowed.
 Harmful if inhaled.
 Causes skin irritation.
 Causes serious eye irritation.
 May cause cancer.
 Suspected of damaging fertility or the unborn child.
 Causes damage to organs through prolonged or repeated exposure.
 Harmful to aquatic life.
 Toxic to aquatic life with long lasting effects. May cause damage to organs thr

PRECAUTIONARY STATEMENTS: Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Keep container tightly closed.
 Ground/bond container and receiving equipment.
 Use explosion-proof electrical/ventilating/lighting/equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 Wash thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 If swallowed: Immediately call a poison center/doctor.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing.
 IF exposed or concerned: Get medical advice/attention.
 Get medical advice/attention if you feel unwell.
 Specific treatment (see on this label).
 Do NOT induce vomiting.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
4-Chlorobenzo-trifluoride (PCBTF)	98-56-6	10 - 20	NE	NE	NE
Crystalline Silica	14808-60-7	10 – 25	50 µg/m ³	0.025 mg/m ³	0.025 mg/m ³
Titanium Dioxide	13463-67-7	5 - <10	15 mg/m ³	10 mg/m ³	NE
Xylene	1330-20-7	5 - <10	TWA: 100 ppm	TWA: 100 ppm	
1,2-bis (pentabromophenyl) ethane /1,1"-(ethane-1,2-diyl) bis[pentabromobenzene]	84852-53-9	1 - <5	NE	NE	NE
P-Toluenedisulfonyl isocyanate	4083-64-1	0.1 - <1	NE	NE	NE

Non-Hazardous Ingredients 40 to <50%

NE = Not Established

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

- EYES:** Flush with large amounts of water, frequently flushing under the lids. Seek medical attention.
- SKIN:** Wash with soap and water. Get medical attention if irritation persists.
- INHALATION:** Remove affected person to fresh air, give oxygen or artificial respiration as necessary to assist breathing. Get medical attention.
- INGESTION:** 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. Call a doctor or emergency services immediately.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No further relevant information available.

SECTION 5: FIRE FIGHTING PROCEDURES

- SUITABLE EXTINGUISHING MEDIA:** Foam, dry chemical or carbon dioxide. Water may be ineffective, but water should be used to keep fire exposed containers cool.
- HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide, carbon monoxide and various hydrocarbons
- RECOMMENDED FIRE FIGHTING PROCEDURES:** Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes or vapors may be produced. Shut down motors and pumps to prevent spreading of fire.
- UNUSUAL FIRE & EXPLOSION HAZARDS:** This product is volatile and gives off vapors. Either the liquid or vapor may settle in low areas or travel along the ground or surface to ignition sources where they may ignite or explode. Overheated containers will explode. High vapor concentrations have an anesthetic effect. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
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SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area).

Wear appropriate protective equipment and clothing during clean-up. Do not breathe vapors or spray mist. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Absorb spilled product with vermiculite or other absorbent material. Shovel or scoop into a sealable container for proper disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Do not store or handle near an ignition source. Effectively ground the product transfer system to prevent fire or explosion from static discharge. Empty containers may contain residual product. Do not reuse containers unless properly reconditioned. Do not smoke.

OTHER PRECAUTIONS: None.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: General exhaust as needed to keep work environment below exposure limits if engineering or administrative controls are not adequate.

RESPIRATORY PROTECTION: For large spills or entry into enclosed small spaces with inadequate ventilation, a pressure demand, self-contained breathing apparatus is recommended. If engineering or administrative controls are not adequate to maintain work environment below solvent TLV recommended levels, an appropriate respirator should be used in conjunction with a respirator use and fit training program.

EYE PROTECTION: Safety glasses with side shields or goggles.

SKIN PROTECTION: Chemical resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots if contact is likely.

OTHER PROTECTIVE EQUIPMENT: Not applicable.

WORK HYGIENIC PRACTICES: Minimize breathing vapor. Avoid prolonged or repeated contact with the skin. Remove contaminated clothing and launder before reuse. Cleanse skin thoroughly after contact, before work breaks and meals, and at the end of the work day. Product is readily removed from the skin with waterless hand cleaners followed by washing thoroughly with soap and water. Eye wash stations should be available where product may come in contact with the eyes.

GENERAL INFORMATION: Take off all contaminated clothing immediately. IF exposed or

Oral	LD50	Rat	6350 mg/l, 4 Hours
		Mouse	1590 mg/kg
		Rat	3523 - 8600 mg/kg

13463-67-7 Titanium Dioxide

Oral	LD50	Rat	>10,000 mg/kg
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98-56-6 4-Chlorobenzo-trifluoride

Oral	LD50	Rat	5546 mg/kg
Dermal	LD50	Rabbit	>3350 mg/kg

IARC - The International Agency for Research on Cancer ("IARC") concluded that "crystalline silica in the form of quartz or cristobalite dust is carcinogenic to humans (Group 1).

Most important symptoms/effects, acute and delayed:
 Causes skin irritation.
 Causes serious eye irritation.
 Prolonged exposure may cause chronic effects.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:
 Irritant

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of contents/container in accordance with local/regional/national regulations.

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT TRANSPORTATION

PROPER SHIPPING NAME:	Flammable liquids, n.o.s. (4-Chlorobenzo-trifluoride, Xylene)
HAZARD CLASS:	3
ID NUMBER:	UN1993
PACKING GROUP:	III

LABEL STATEMENT: Not Applicable

Transport hazard class(es)

DOT



Class

3 Flammable Liquids

IATA

PROPER SHIPPING NAME: Flammable liquids, n.o.s. (4-Chlorobenzo-trifluoride, Xylene)
HAZARD CLASS: 3
ID NUMBER: UN1993
PACKING GROUP: III
OTHER: Not Applicable

IMDG

PROPER SHIPPING NAME: Flammable liquids, n.o.s. (4-Chlorobenzo-trifluoride, Xylene)
HAZARD CLASS: 3
ID NUMBER: UN1993
PACKING GROUP: III
OTHER: EMS: FE,SE

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

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

CERCLA: CERCLA Hazardous Substances (40 CFR 302)

Reportable Quantity – Components

Xylene: 1000 lbs

SARA:

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

313 REPORTABLE INGREDIENTS:

CALIFORNIA PROPOSITION 65: This product contains 4-Chlorobenzotrifluoride, titanium dioxide, and silica, chemicals known to the state of California to cause cancer.

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
Parachlorobenzotrifluoride	98-56-6	No	Yes	No	Yes	Yes	Yes
Xylene	95-47-6	Yes	Yes	Yes	Yes	Yes	Yes

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None.

DATE OF PREVIOUS SDS: March 2018.

CHANGES SINCE PREVIOUS SDS: Added PCBTF to Prop 65 list.

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.