



SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Topcoat Flashing- Spray Grade
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
	2		2
Special Hazards	-	Personal Protection	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: Danger

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

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 ³ - Resp. 15 mg/m ³ - Total	NE	REL: 5 mg/m ³ - Resp. 10 mg/m ³ - Total
Titanium Dioxide	13463-67-7	2 - 10	10 mg/m ³	10 mg/m ³ - Total	NE
Zinc Oxide	1314-13-2	2 - 10	5 mg/m ³ - Resp. 15 mg/m ³ - Total	2 mg/m ³ Respirable	REL: 5 mg/m ³ - 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, CO₂, 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

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

SECTION 7: HANDLING AND STORAGE

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

OTHER PRECAUTIONS: Protect from freezing.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Heavy white liquid 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:	Soluble	SPECIFIC GRAVITY:	1.44
VAPOR DENSITY:	No Data	PERCENT VOLATILE:	No Data
VAPOR PRESSURE:	No Data	MOLECULAR WEIGHT:	No Data
VOC WITH WATER (LBS/GAL):	.33	WITHOUT WATER (LBS/GAL):	No Data

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.**SECTION 11: TOXICOLOGICAL INFORMATION****TOXICOLOGICAL INFORMATION:** No information available.**SECTION 12: ECOLOGICAL INFORMATION****ECOLOGICAL INFORMATION:** No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORTATION INFORMATION

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

SECTION 15: REGULATORY INFORMATION

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:

Chemical Name	CAS #	CA	MA	MN	NJ	PA	RI
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

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: N/A

DATE OF PREVIOUS SDS: December 2013

CHANGES SINCE PREVIOUS SDS: Headquarters Address Change

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.