



**SECTION 1: PRODUCT AND COMPANY INFORMATION**

**PRODUCT NAME:** TOPCOAT® EPDM Coating

**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
	0		0
	0		0
<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 1  
 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  
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  
Suspected of damaging fertility or the unborn child  
Very Toxic to aquatic life with long lasting effects  
Very Toxic to aquatic life

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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 can cause conjunctivitis or irritation to the eyes.

**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	1317-65-3	28 - 36	15 mg/m <sup>3</sup> Total Dust	NE	REL: 10 mg/m <sup>3</sup> Total Dust
Titanium Dioxide	13463-67-7	1 - 8	15 mg/m <sup>3</sup> Total Dust	10 mg/m <sup>3</sup>	REL: LOQ 0.2 mg/m <sup>3</sup>
Zinc Oxide	1314-13-2	1 - 8	5 mg/m <sup>3</sup> – resp. 15 mg/m <sup>3</sup> – total	2 mg/m <sup>3</sup> – resp. STEL 10 mg/m <sup>3</sup> – resp. STEL	REL: 5 mg/m <sup>3</sup> , 15 mg/m <sup>3</sup> – ceiling
Non-Hazardous Ingredients	N/A	48 - 56	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:** Carbon dioxide and carbon monoxide

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<b>RECOMMENDED FIRE FIGHTING PROCEDURES:</b>	Use self-contained breathing apparatus and protective clothing.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	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 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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**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 material 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:** None

**SARA**

**311/312 HAZARD CATEGORIES:** Chronic health hazard.

**313 REPORTABLE INGREDIENTS:** Titanium Dioxide 13463-67-7 1-8%  
Zinc Oxide 1314-13-2 1-8%  
Calcium Carbonate 1317-65-3 28-36%

**CALIFORNIA PROPOSITION 65:** This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm. Cancer: Cadmium Oxide, Lead Oxide, Formaldehyde, 2-Chloro-1,3-Butadiene, Quartz / Sand, Benzene, Ethyl Benzene. Reproductive: Toluene, Benzene, Lead Oxide, Cadmium Oxide.

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	1317-65-3	No	No	No	Yes	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 2014

**CHANGES SINCE PREVIOUS SDS:** Removed water based from title.

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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.**