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**SECTION 1: PRODUCT AND COMPANY INFORMATION**

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**PRODUCT NAME:** Topcoat 322 White Elastomeric Coating  
**TRADE NAME:** Topcoat 322 White Elastomeric Coating  
**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

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**SECTION 2: HAZARD IDENTIFICATION**

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**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:** Eye Damage - Category 1  
Eye Irritant - Category 2A  
Skin Irritant - Category 2  
Target Organ (SE) - Category 3  
Target Organ (RE) - Category 1  
Carcinogen - Category 2  
Acute Toxicity - Category 4  
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  
May cause respiratory irritation  
Harmful if inhaled or swallowed  
Harmful in contact with skin  
Causes drowsiness or dizziness  
May damage fertility or the unborn child  
Suspected of causing cancer  
Toxic to aquatic life with long lasting effects

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**ADDITIONAL HAZARD IDENTIFICATION INFORMATION:**

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

**SIGNS & SYMPTOMS OF EXPOSURE** Eye and skin irritation, lightheadedness, headache, dizziness, nausea, respiratory irritation and vomiting.

**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:** May cause nausea and 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:** Prolonged and repeated exposure may cause permanent brain and/or nervous system damage. Can cause dermatitis.

**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.  
Attapulgite fibers (> 5 µm) are classified as a 2B carcinogen (possibly carcinogenic to humans) by the International Agency for Research on Cancer (IARC).

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

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Styrene Acrylic Copolymer	-	< 35	NE	NE	NE
Water	7732-18-5	< 30	NE	NE	NE
Calcium Carbonate	1317-65-3	< 20	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
Titanium Dioxide	13463-67-7	< 5	15 mg/m <sup>3</sup> – total	10 mg/m <sup>3</sup> – total	REL: lowest feasible concentration
Zinc Oxide	1314-13-2	< 5	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
Attapulgit	12174-11-7	< 0.5	NE	NE	NE
2-Amino-2-Methyl-1-Propanol	124-68-5	< 0.5	NE	NE	NE

**NE = Not Established**

**SECTION 4: FIRST AID MEASURES****FIRST AID PROCEDURES**

- EYES:** Flush eyes for 15 minutes with clean water. Get medical attention.
- SKIN:** Wash with soap and water. Get medical care if irritation persists.
- INHALATION:** Get to fresh air; administer oxygen or artificial respiration if necessary.
- INGESTION:** Dilute with water, get medical attention quickly.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Repeated/continuous exposure can aggravate pre-existing eye, skin, respiratory, kidney/liver disorders.

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**SECTION 5: FIRE FIGHTING PROCEDURES**

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<b>SUITABLE EXTINGUISHING MEDIA:</b>	Form, carbon dioxide, dry chemical, water fog.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Decomposition of burning material may cause toxic gases to form, which may include carbon dioxide and carbon monoxide. Material may splatter if temperature exceeds 202 °F.
<b>RECOMMENDED FIRE FIGHTING PROCEDURES:</b>	NIOSH-approved self contained breathing apparatus is recommended for smoke protection.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	Polymer film can burn. Avoid breathing vapors of burning paint film because carbon dioxide/monoxide may be released. Use full protective equipment including self-contained breather apparatus. Cool closed containers with water.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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<b>ACCIDENTAL RELEASE MEASURES:</b>	Dike and absorb with absorbent material. Prevent material from entering sewers or open bodies of water. Assume conformity with all application governmental regulations. Let dry in safe place.
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**SECTION 7: HANDLING AND STORAGE**

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<b>HANDLING AND STORAGE:</b>	Avoid high temperatures and extreme heat. Keep from freezing. Keep container upright and closed.
<b>OTHER PRECAUTIONS:</b>	Do not take internally. Avoid contact with skin/eyes. Close container after use. Keep out of reach of children.

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

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<b>ENGINEERING CONTROLS / VENTILATION:</b>	Local and/or general ventilation is recommended.
<b>RESPIRATORY PROTECTION:</b>	Not normally required.
<b>EYE PROTECTION:</b>	Safety glasses and chemical splash goggles.
<b>SKIN PROTECTION:</b>	Chemical resistant gloves.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Eye wash.
<b>WORK HYGIENIC PRACTICES:</b>	Avoid skin and eye contact.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	White liquid with a slight odor.		
<b>FLASH POINT:</b>	>250 °F	<b>LOWER EXPLOSIVE LIMIT:</b>	0.6%
<b>METHOD USED:</b>	PMCC	<b>UPPER EXPLOSIVE LIMIT:</b>	15.3%
<b>EVAPORATION RATE:</b>	No Data	<b>BOILING POINT:</b>	212 °F
<b>pH (undiluted product):</b>	No Data	<b>MELTING POINT:</b>	No Data
<b>SOLUBILITY IN WATER:</b>	Soluble	<b>SPECIFIC GRAVITY:</b>	1.3
<b>VAPOR DENSITY:</b>	<1	<b>PERCENT VOLATILE:</b>	No Data
<b>VAPOR PRESSURE:</b>	No Data	<b>MOLECULAR WEIGHT:</b>	No Data
<b>VOC WITH WATER (LBS/GAL):</b>	No Data	<b>WITHOUT WATER (LBS/GAL):</b>	No Data

**SECTION 10: STABILITY AND REACTIVITY****THERMAL STABILITY:**

STABLE X

UNSTABLE **CONDITIONS TO AVOID (STABILITY):**

Elevated temperatures, contact with oxidizing agent.

**INCOMPATIBILITY (MATERIAL TO AVOID):**

Water reactive materials.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:**

Burning or decomposing material may give off carbon dioxide and/or carbon monoxide.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

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

**ECOLOGICAL INFORMATION:** No information available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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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:** None

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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:** None

**313 REPORTABLE INGREDIENTS:** None

**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: Attapulgit fibers (> 5 µm).

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
Styrene Acrylic Copolymer	-	No	No	No	No	No	No
Water	7732-18-5	No	No	No	No	No	No
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
Attapulgit	12174-11-7	Yes	Yes	N/A	No	No	No
2-Amino-2-Methyl-1-Propanol	124-68-5	No	No	N/A	Yes	No	No

#### SECTION 16: OTHER INFORMATION

**ADDITIONAL COMMENTS:** None

**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.