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**SECTION 1: PRODUCT AND COMPANY INFORMATION**

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**PRODUCT NAME:** TOPCOAT® WOB  
**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

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**SECTION 2: HAZARD IDENTIFICATION**

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**NFPA and HMIS RATINGS:**

	<b>NFPA Hazard Rating</b>		<b>HMIS Hazard Rating</b>
<b>Health</b>	2	<b>Health</b>	2
<b>Flammable</b>	0	<b>Flammable</b>	0
<b>Reactive</b>	0	<b>Reactive</b>	0
<b>Special Hazards</b>	-	<b>Personal Protection</b>	X

**GHS LABEL ELEMENTS:**

**GHS CLASSIFICATION:** Eye Irritant - Category 2A  
Skin Irritant - Category 2  
Target Organ (SE) - Category 3  
Target Organ (RE) - Category 2  
Reproductive Toxicity - Category 1A  
Carcinogen - Category 2  
Acute Toxicity - Category 4  
Mutagenicity - Category 1B  
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  
May cause respiratory irritation  
Harmful if inhaled or swallowed  
May damage fertility or the unborn child  
Suspected of causing cancer  
May cause allergy or asthma symptoms or breathing difficulties  
Very toxic to aquatic life with long lasting effects

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## ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Inhalation, Skin Contact, Eye Contact

## SIGNS &amp; SYMPTOMS OF EXPOSURE

EYES: Exposure to vapors can cause irritation to the eyes.

SKIN: Slight irritation of the skin. Prolonged contact can cause reddening of the skin.

INGESTION: Not expected to be ingested.

INHALATION: Vapor or mist can cause headaches, dizziness or nausea. Also irritation of the throat and nose.

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.

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

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Aluminum Trihydrate	21645-51-2	35 – 45	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	2 – 10	15 mg/m <sup>3</sup> – total	10 mg/m <sup>3</sup> – total	REL: lowest feasible concentration
Zinc Oxide	1314-13-2	2 – 10	5 mg/m <sup>3</sup> – resp. 15 mg/m <sup>3</sup> – total	2 mg/m <sup>3</sup> – resp. 10 mg/m <sup>3</sup> – resp. STEL	REL: 5 mg/m <sup>3</sup> , 15 mg/m <sup>3</sup> – ceiling
Propylene Glycol	57-55-6	2 – 10	NE	NE	NE
Non-hazardous ingredients	n/a	45 – 55	NE	NE	NE

NE = Not Established

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

- EYES:** Flush eyes with water for 15 minutes. If irritation persists, call a physician.
- SKIN:** Wash area thoroughly with soap and water.
- INHALATION:** Remove person to an area that has fresh air. If breathing has stopped, administer artificial respiration. Contact physician immediately.
- INGESTION:** If patient is awake, induce vomiting by giving two glasses of water and pressing down at back of throat. Call physician immediately. Never give anything by mouth to an unconscious person.

**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.
- HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide and carbon monoxide.
- RECOMMENDED FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus recommended.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** None

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**ACCIDENTAL RELEASE MEASURES:** Dam up area to prevent spreading. Caution – area will be slippery. Use absorbent material to dry up the compound. Provide ventilation in closed areas.

**SECTION 7: HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Store in a well ventilated area at 50 – 80 °F.

**OTHER PRECAUTIONS:** Protect from freezing.

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

**ENGINEERING CONTROLS / VENTILATION:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure limits.

**RESPIRATORY PROTECTION:** Use NIOSH-approved respirator.

**EYE PROTECTION:** Safety goggles or safety glasses with side shields.

**SKIN PROTECTION:** Wear appropriate impermeable gloves and protective clothing as necessary 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**

<b>APPEARANCE &amp; ODOR:</b>	Thick liquid with ammonia odor.		
<b>FLASH POINT:</b>	240 °F	<b>LOWER EXPLOSIVE LIMIT:</b>	No data
<b>METHOD USED:</b>	TCC	<b>UPPER EXPLOSIVE LIMIT:</b>	No data



RCRA HAZARD CLASS: None

**SECTION 14: TRANSPORTATION INFORMATION**

**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

**SECTION 15: REGULATORY INFORMATION**

**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:** Acute Health Hazard

**313 REPORTABLE INGREDIENTS:** None

**CALIFORNIA PROPOSITION 65:** None

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
Aluminum Trihydrate	21645-51-2	No	No	No	No	No	No
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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Propylene Glycol	57-55-6	No	No	Yes	Yes	No	Yes
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**SECTION 16: OTHER INFORMATION**

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**ADDITIONAL COMMENTS:** None

**DATE OF PREVIOUS MSDS:** September 2013

**CHANGES SINCE PREVIOUS MSDS:** Headquarters Address Change.

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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.