



---

**SECTION 1: PRODUCT AND COMPANY INFORMATION**

---

**PRODUCT NAME:** TOPCOAT® EPDM Cleaner  
**TRADE NAME:** N/A  
**CHEMICAL NAME / SYNONYM:** N/A  
**CHEMICAL FAMILY:** N/A  
**MANUFACTURER:** GAF Materials Corporation  
**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
Special Hazards	-	Personal Protection	X

**GHS LABEL ELEMENTS:**

**GHS CLASSIFICATION:** Target Organ (SE) - Category 3  
Eye Irritant - Category 2A  
Eye Damage - Category 1  
Skin Corrosive - Category 1B  
Metal Corrosive - Category 1  
Aspiration Toxicity - Category 2

GHS PICTOGRAMS:



SIGNAL WORD: Warning

**HAZARD STATEMENTS:** Causes skin irritation  
 Causes serious eye irritation or damage  
 May cause severe skin burns  
 May be corrosive to metals  
 May cause respiratory irritation

**ADDITIONAL HAZARD IDENTIFICATION INFORMATION:****PRIMARY ROUTE OF EXPOSURE:** Inhalation, Eye contact, Skin contact**SIGNS & SYMPTOMS OF EXPOSURE****EYES:** Corrosion to eyes, burns, permanent eye injury.**SKIN:** Slight irritation**INGESTION:** May be harmful if swallowed. Material can cause severe irritation of the mouth, throat, and digestive tract.**INHALATION:** Inhalation of vapor or mist can cause severe irritation of nose, throat, and lungs.**ACUTE HEALTH HAZARDS:** See above**CHRONIC HEALTH HAZARDS:** None known**CARCINOGENICITY:** None listed**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Sodium metasilicate	6834-92-0	4 – 6	NE	NE	NE
Inorganic salt	Trade Secret	3 – 5	NE	NE	NE
Anionic/nonionic surfactant mixture	Trade Secret	1 – 3	NE	NE	NE
Non-hazardous ingredients	-	85 – 90	NE	NE	NE

NE = Not Established

---

**SECTION 4: FIRST AID MEASURES**

---

**FIRST AID PROCEDURES**

- EYES:** Rinse immediately with plenty of water for at least 15 minutes. Get prompt medical attention.
- SKIN:** Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.
- INHALATION:** Move to fresh air. If breathing is difficult, give oxygen. Give artificial respiration if breathing has stopped. Get prompt medical attention.
- INGESTION:** Do not induce vomiting. Drink 1 or 2 glasses of water. Immediately see a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep airway clear.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** None known

---

**SECTION 5: FIRE FIGHTING PROCEDURES**

---

- SUITABLE EXTINGUISHING MEDIA:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide and carbon monoxide.
- RECOMMENDED FIRE FIGHTING PROCEDURES:** In the event of fire, wear self-contained breathing apparatus.
- UNUSUAL FIRE & EXPLOSION HAZARDS:** Closed containers may rupture via pressure build-up when exposed to fire or extreme heat. During a fire, irritating and highly toxic gases and/or fumes may be generated during combustion or decomposition.
- 

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

---

- ACCIDENTAL RELEASE MEASURES:** Keep spills of product as supplied out of municipal sewers and open bodies of water. Do not discharge cleaning runoffs directly to open bodies of water.
- Evacuate personnel to safe areas. Ventilate the area. Floor may be slippery; use care to avoid falling. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid breathing vapor. Avoid all contact.

---

**SECTION 7: HANDLING AND STORAGE**

---

<b>HANDLING AND STORAGE:</b>	Vapors can be evolved when material is heated during processing operations. Wash after handling and shower at end of work period. Avoid temperature extremes during storage; ambient temperature preferred. Store out of direct sunlight in a cool place. Keep containers tightly closed in a cool, well-ventilated place. Do not store this material in containers made of aluminum
<b>OTHER PRECAUTIONS:</b>	Containers may be hazardous when empty. Since emptied containers retain product residue follow all MSDS and label warnings even after container is emptied.

---

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

---

<b>ENGINEERING CONTROLS / VENTILATION:</b>	Use local exhaust ventilation with a minimum capture velocity of 100 ft/min. (0.5 m/sec.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.
<b>RESPIRATORY PROTECTION:</b>	A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed whenever workplace conditions warrant a respirator's use. Respiratory protection is not required under normal operating conditions. Where vapors and/or mists may occur, wear a properly fitted NIOSH approved (or equivalent) half-mask, air-purifying respirator. Air-purifying respirators should be equipped with NIOSH approved (or equivalent) organic vapor cartridges and N95 filters. If oil mist is present, use R95 or P95 filters.
<b>EYE PROTECTION:</b>	Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). Eye protection worn must be compatible with respiratory protection system employed.
<b>SKIN PROTECTION:</b>	Chemical-resistant gloves (nitrile rubber or butyl-rubber) should be worn whenever this material is handled. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. Gloves should be decontaminated before discarding.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Use chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact
<b>WORK HYGIENIC PRACTICES:</b>	Wash hands after handling and shower at end of work period
<b>EXPOSURE GUIDELINES:</b>	N/A

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Light pink liquid with mild odor.		
<b>FLASH POINT:</b>	Noncombustible	<b>LOWER EXPLOSIVE LIMIT:</b>	N/A
<b>METHOD USED:</b>	N/A	<b>UPPER EXPLOSIVE LIMIT:</b>	N/A
<b>EVAPORATION RATE:</b>	< 1.0	<b>BOILING POINT:</b>	100 °C (212 °F)
<b>pH (undiluted product):</b>	13.0 – 13.5	<b>MELTING POINT:</b>	0 °C (32 °F)
<b>SOLUBILITY IN WATER:</b>	Completely soluble	<b>SPECIFIC GRAVITY:</b>	No data
<b>VAPOR DENSITY:</b>	< 1.0	<b>PERCENT VOLATILE:</b>	87 – 89% Water
<b>VAPOR PRESSURE:</b>	17.0 mmHg @ 20 °C (68 °F)	<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):**

None known

**INCOMPATIBILITY (MATERIAL TO AVOID):**

Avoid contact with strong oxidizing agents, strong acids, strong bases and aluminum.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:**

There are no known hazardous decomposition products for this material.

**HAZARDOUS POLYMERIZATION:**

Will not occur

**SECTION 11: TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:****Acute dermal toxicity** LD50 rat >2,000 mg/kg**Skin irritation** rabbit slight irritation**Eye irritation** rabbit Corrosive**Sodium metasilicate****Acute oral toxicity** LD50 rat 1,280 mg/kg**Anionic/nonionic surfactant mixture****Acute oral toxicity** LD50 rat 4,190 mg/kg**SECTION 12: ECOLOGICAL INFORMATION****ECOLOGICAL INFORMATION:****Toxicity to fish** LC50 Rainbow trout (*Oncorhynchus mykiss*) 96 h, > 1,000 mg/l**Toxicity to fish** NOEC Rainbow trout (*Oncorhynchus mykiss*) 96 h, 500 mg/l**Toxicity to algae** EC50 Algae (*Selenastrum capricornutum*) 96 h, > 1,000 mg/l based on cell density, growth rate and biomass**Toxicity to algae** NOEC Algae (*Selenastrum capricornutum*) 96 h, 1,000 mg/l based on cell density and growth rate**Toxicity to algae** NOEC Algae (*Selenastrum capricornutum*) 96 h, 250 mg/l based on biomass**Toxicity to aquatic invertebrates** EC50 *Daphnia magna* 48 h, > 1,000 mg/l**Toxicity to aquatic invertebrates** NOEC *Daphnia magna* 48 h, 500 mg/l**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** This product, as supplied, is regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. If discarded in its purchased form, this product is a RCRA hazardous waste. It is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or residue of the product remains classified a hazardous waste as per 40 CFR 261, Subpart C. State or local

regulations may also apply if they differ from the federal regulation.

**RCRA HAZARD CLASS:** D002, Corrosive Hazardous Waste

**SECTION 14: TRANSPORTATION INFORMATION**

**U.S. DOT TRANSPORTATION**

**PROPER SHIPPING NAME:** Caustic Alkali Liquids, N.O.S. (Sodium metasilicate)  
**HAZARD CLASS:** 8  
**ID NUMBER:** UN 1719  
**PACKING GROUP:** III  
**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:** The Reportable Quantity(s) (RQ) are listed below. Releases in excess of its reportable quantity must be reported to the National Response Center (1-800-424-8802) and to the appropriate state and local emergency response organizations.

D002, 100lbs.

**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

Sodium metasilicate	6834-92-0	No	No	No	No	No	No
Inorganic salt	Trade Secret	No	No	No	No	No	No
Anionic/nonionic surfactant mixture	Trade Secret	No	No	No	No	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.