

TopCoat® EPDM Cleaner

Material Safety Data Sheet

Updated: 12/08



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GAF Materials Corporation
Material Safety Data Sheet
MSDS # 1060A
MSDS Date: December 2008

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: 1361 Alps Road, Wayne, NJ 07470
24-HOUR EMERGENCY PHONE (CHEMTREC): 800 – 424 – 9300
INFORMATION ONLY: 800 – 766 – 3411
PREPARED BY: Sean Connolly
APPROVED BY: Phil Curry

NFPA Hazard Rating

HMIS Hazard Rating

Health	3	Health	3
Flammable	0	Flammable	0
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X

OSHA HAZARDOUS: Yes No

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	%(BY WT)	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

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Non-hazardous ingredients	-	85 – 90	NE	NE	NE

NE = Not Established

SECTION 3: HAZARDS IDENTIFICATION

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 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.
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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:	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
OTHER PRECAUTIONS:	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

ENGINEERING CONTROLS /	Use local exhaust ventilation with a minimum capture velocity of
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VENTILATION:	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.
RESPIRATORY PROTECTION:	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.
EYE PROTECTION:	Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). Eye protection worn must be compatible with respiratory protection system employed.
SKIN PROTECTION:	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.
OTHER PROTECTIVE EQUIPMENT:	Use chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact
WORK HYGIENIC PRACTICES:	Wash hands after handling and shower at end of work period
EXPOSURE GUIDELINES:	N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:	Toxicity to fish	LC50 Rainbow trout (<i>Oncorhynchus mykiss</i>) 96 h, > 1,000 mg/l
	Toxicity to fish	NOEC Rainbow trout (<i>Oncorhynchus mykiss</i>) 96 h, 500 mg/l
	Toxicity to algae	EC50 Algae (<i>Selenastrum capricornutum</i>) 96 h, > 1,000 mg/l based on cell density, growth rate and biomass
	Toxicity to algae	NOEC Algae (<i>Selenastrum capricornutum</i>) 96 h, 1,000 mg/l based on cell density and growth rate
	Toxicity to algae	NOEC Algae (<i>Selenastrum capricornutum</i>) 96 h, 250 mg/l based on biomass
	Toxicity to aquatic invertebrates	EC50 <i>Daphnia magna</i> 48 h, > 1,000 mg/l
	Toxicity to aquatic invertebrates	NOEC <i>Daphnia magna</i> 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 MSDS: June 2003

CHANGES SINCE PREVIOUS MSDS: Changed to the ANSI 16 section MSDS format.

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.