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**SECTION 1: PRODUCT AND COMPANY INFORMATION**

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**PRODUCT NAME:** FireOut™ Fire Barrier Coating  
**TRADE NAME:** FireOut™  
**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

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**SECTION 2: HAZARDS IDENTIFICATION**

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	NFPA Hazard Rating		HMIS Hazard Rating
<b>Health</b>	1	<b>Health</b>	1
<b>Flammable</b>	1	<b>Flammable</b>	1
<b>Reactive</b>	0	<b>Reactive</b>	0
<b>Special Hazards</b>	-	<b>Personal Protection</b>	X

**OSHA HAZARDOUS:** Yes  X

**No**

**GHS CLASSIFICATION:** Eye Irritant - Category 2A  
Skin Irritant - Category 2  
Skin Corrosive - Category 1B

## GHS PICTOGRAMS:

**SIGNAL WORD:** Warning**HAZARD STATEMENTS:** Causes skin irritation.  
Harmful if inhaled.  
Harmful if swallowed.**PRECAUTIONARY STATEMENTS:** Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Use personal protective equipment as required.  
Wash face, hands and any exposed skin thoroughly after handling.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Use only outdoors or in a well-ventilated area.  
IF exposed or concerned: Get medical advice/attention.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing and wash before reuse.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.**PRIMARY ROUTE OF EXPOSURE:** Inhalation, Skin contact**SIGNS & SYMPTOMS OF EXPOSURE****EYES:** Irritation, itching.**SKIN:** Slight irritation, itching.**INGESTION:** Not likely to occur.**INHALATION:** Vapors or mists can cause irritation, headaches, and nausea.**ACUTE HEALTH HAZARDS:** Irritation.**CHRONIC HEALTH HAZARDS:** None known.**CARCINOGENICITY:** Not applicable.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****OCCUPATIONAL EXPOSURE LIMITS**

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Aluminum Hydroxide	21645-51-2	10 – 30	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
Graphite	7782-42-5	10 – 30	15 mppcf	2 mg/m <sup>3</sup> – resp.	REL: 2.5 mg/m <sup>3</sup> – resp.
Triethyl Phosphate	78-40-0	2 – 10	NE	NE	NE
Polyethylene Glycol	9036-19-5	2 – 10	NE	NE	NE
Non-hazardous ingredients	Not Applicable	25 – 70	NE	NE	NE

NE = Not Established

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

**EYES:** Immediately flush eyes with water. If irritation persists, seek medical attention.

**SKIN:** Flush with large amounts of water. If irritation persists, seek medical attention.

**INHALATION:** Remove person to fresh air. If breathing has stopped, administer artificial respiration. Contact physician.

**INGESTION:** Do not induce vomiting. Seek immediate medical attention.

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

**SECTION 5: FIRE FIGHTING PROCEDURES**

**SUITABLE EXTINGUISHING MEDIA:** Water spray, dry chemical or foam.

**HAZARDOUS COMBUSTION PRODUCTS:** Thermal decomposition may emit carbon dioxide, carbon monoxide, sulfuric or nitric acids.

**RECOMMENDED FIRE FIGHTING PROCEDURES:** Use any extinguishing media appropriate for the surrounding fires.

**UNUSUAL FIRE & EXPLOSION  
HAZARDS:**

Acids or low pH by-products may be emitted. In its liquid form, material has a basic pH and may create slippery conditions if spilled.

**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. Wear appropriate protective equipment.

**SECTION 7: HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Store at 50 – 80 °F.

**OTHER PRECAUTIONS:** None

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

**ENGINEERING CONTROLS / VENTILATION:** Provide ventilation as necessary to maintain exposures below occupational exposure limits.

**RESPIRATORY PROTECTION:** NIOSH approved respirator.

**EYE PROTECTION:** Safety glasses with side shields.

**SKIN PROTECTION:** Wear appropriate work gloves that are impervious to acids/bases.

**OTHER PROTECTIVE EQUIPMENT:** Not applicable.

**WORK HYGIENIC PRACTICES:** Wash exposed skin prior to eating, drinking, or smoking and at the end of each shift. Wash thoroughly and launder clothing after use.

**EXPOSURE GUIDELINES:** Not applicable.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Pink liquid with sweet odor.
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**SECTION 14: TRANSPORTATION INFORMATION**

**DOT**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

**SECTION 15: REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS**

**TSCA:** This product and its components are listed on the TSCA 8(b) inventory.

**CERCLA:** Not applicable.

**SARA**

**311/312 HAZARD CATEGORIES:** Acute Health Hazard

**313 REPORTABLE INGREDIENTS:** Not applicable.

**CALIFORNIA PROPOSITION 65:** Not applicable.

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 Hydroxide	21645-51-2	No	No	No	No	No	No
Graphite	7782-42-5	Yes	Yes	Yes	Yes	Yes	Yes
Triethyl Phosphate	78-40-0	No	No	No	No	No	No

**SECTION 16: OTHER INFORMATION**

**ADDITIONAL COMMENTS:** None

**DATE OF PREVIOUS MSDS:** November 2015

**CHANGES SINCE PREVIOUS MSDS:** Updated Section 2, 3 and 15.

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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.**