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**SECTION 1: PRODUCT AND COMPANY INFORMATION**

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<b>PRODUCT NAME:</b>	GAFGLAS® STRATAVENT® Perforated Venting Base Sheet, GAFGLAS® STRATAVENT® Nailable Venting Base Sheet, GAFGLAS® Mineral- Surfaced Cap Sheet, Mineral Guard Residential Roll Roofing.
<b>TRADE NAME:</b>	N/A
<b>CHEMICAL NAME / SYNONYM:</b>	N/A
<b>CHEMICAL FAMILY:</b>	N/A
<b>MANUFACTURER:</b>	GAF
<b>ADDRESS:</b>	1 Campus Drive, Parsippany, NJ 07054
<b>24 HOUR EMERGENCY PHONE: (CHEMTREC)</b>	800-424-9300
<b>INFORMATION ONLY:</b>	800-766-3411
<b>PREPARED BY:</b>	Corporate EHS
<b>APPROVED BY:</b>	Corporate EHS

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**SECTION 2: HAZARDS IDENTIFICATION**

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As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the products listed below are considered articles and do not require an SDS. In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product. When handled as intended and under normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, GAF would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and be made available for employees and other users of this product. In addition, the recommendations for handling and use of these products should be included in worker training programs.

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

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Silica, Crystalline Quartz	14808-60-7	Approx. 5	10 mg/m <sup>3</sup> / (% SiO <sub>2</sub> + 2) – resp.	0.025 mg/m <sup>3</sup>	REL: 0.05 mg/m <sup>3</sup> – resp.
Asphalt	8052-42-4	10-30	NE	0.5 mg/m <sup>3</sup> (inhalable fraction, as benzene-soluble aerosol)	REL: 5mg/m <sup>3</sup> – Ceiling (15 min. fumes)
Non-Hazardous Ingredients	NA	Approx.95	NA	NA	NA

**NE=Not Established****PRIMARY ROUTE OF EXPOSURE:** Inhalation**SIGNS & SYMPTOMS OF EXPOSURE****EYES:** N/A**SKIN:** N/A**INGESTION:** N/A**INHALATION:** Silica: Shortness of breath on exertion, dry cough; Talc: cough pneumoconiosis.**ACUTE HEALTH HAZARDS:** N/A**CHRONIC HEALTH HAZARDS:** Silica: Limitation of expansion of the chest, emphysema; Talc: Pneumoconiosis.**CARCINOGENICITY:** The International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP) have determined that there is sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite. In addition, IARC has determined that there is sufficient evidence for the carcinogenicity of quartz and cristobalite in experimental animals. Among individuals with silicosis, lung cancer occurs more frequently in those who smoke.**SECTION 4: FIRST AID MEASURES**

**FIRST AID PROCEDURES**

**EYES:** Flush eyes with water for 15 minutes while holding eyelids apart. Consult medical personnel.

**SKIN:** Cool with ice or water. Do not attempt to remove asphalt immediately. Cover with petroleum jelly and remove when asphalt has softened.

**INHALATION:** Move individual to area with fresh air and provide oxygen if breathing is difficult. Consult medical personnel.

**INGESTION:** Consult medical personnel.

**NOTES TO PHYSICIANS OR  
FIRST AID PROVIDERS:** N/A

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**SECTION 5: FIRE FIGHTING PROCEDURES**

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**SUITABLE EXTINGUISHING MEDIA:** CO<sub>2</sub>, Foam, Dry Chemical or Water

**HAZARDOUS COMBUSTION PRODUCTS:** N/A

**RECOMMENDED FIRE FIGHTING  
PROCEDURES:** Wear self-contained breathing apparatus and full protective clothing.

**UNUSUAL FIRE & EXPLOSION  
HAZARDS:** None

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**ACCIDENTAL RELEASE MEASURES:** Pick up pieces and dispose off properly. Vacuum dust. Use a dust suppressant if sweeping is necessary.

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**SECTION 7: HANDLING AND STORAGE**

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**HANDLING AND STORAGE:** Hot asphalt is used to install most of these products and is hazardous if contact is made with the eyes or skin.

**OTHER PRECAUTIONS:** When heated, small amounts of hydrogen sulfide may be given off. Hydrogen sulfide is a flammable, toxic gas. Breathing of fumes must be avoided.

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

**ENGINEERING CONTROLS / VENTILATION:** N/A

**RESPIRATORY PROTECTION:** N/A

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

**SKIN PROTECTION:** N/A

**OTHER PROTECTIVE EQUIPMENT:** Long sleeve shift and long trousers, (both with minimal synthetic fiber content). Solid work shoes.

**WORK HYGIENIC PRACTICES:** Wash hands after application.

**EXPOSURE GUIDELINES:** N/A

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Thin black sheet in roll form, granulars on one side and sand on the other. Slight asphaltic odor.		
<b>FLASH POINT:</b>	>500°F	<b>LOWER EXPLOSIVE LIMIT:</b>	N/A
<b>METHOD USED:</b>	COC	<b>UPPER EXPLOSIVE LIMIT:</b>	N/A
<b>EVAPORATION RATE:</b>	N/A	<b>BOILING POINT:</b>	N/A
<b>pH (undiluted product):</b>	N/A	<b>MELTING POINT:</b>	N/A
<b>SOLUBILITY IN WATER:</b>	Insoluble	<b>SPECIFIC GRAVITY:</b>	N/A
<b>VAPOR DENSITY:</b>	N/A	<b>PERCENT VOLATILE:</b>	N/A
<b>VAPOR PRESSURE:</b>	N/A	<b>MOLECULAR WEIGHT:</b>	N/A
<b>VOC WITH WATER (LBS/GAL):</b>	N/A	<b>WITHOUT WATER (LBS/GAL):</b>	N/A

**SECTION 10: STABILITY AND REACTIVITY**

**THERMAL STABILITY:** STABLE  UNSTABLE

**CONDITIONS TO AVOID (STABILITY):** N/A

**INCOMPATIBILITY (MATERIAL TO AVOID):** N/A

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Thermal decomposition may release CO, CO2, carbon particulates, methane, ammonia, hydrogen cyanide and hydrogen sulfide.

**HAZARDOUS POLYMERIZATION:** Will not occur

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** No information available

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**SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** No information available

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**SECTION 13: DISPOSAL CONSIDERATIONS**

**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:** N/A

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**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:** 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.

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
Silica, Crystalline Quartz	14808-60-7	Yes	No	Yes	Yes	Yes	Yes
Asphalt	8052-42-4	Yes	Yes	Yes	Yes	Yes	Yes

**SECTION 16: OTHER INFORMATION**

**ADDITIONAL COMMENTS:** N/A

**DATE OF PREVIOUS SDS:** December 2014

**CHANGES SINCE PREVIOUS SDS:** Update product name.

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.