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**SECTION 1: PRODUCT AND COMPANY INFORMATION**

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**PRODUCT NAME:** GAFGLAS® Stratavent Perforated Venting Base Sheet  
GAFGLAS® Stratavent Nailable Venting Base Sheet

**TRADE NAME:** Built Up Roofing

**MANUFACTURER:** GAF

**ADDRESS:** 1 Campus Drive, Parsippany, NJ 07054

**24-HOUR EMERGENCY PHONE (CHEMTREC):** 800 – 424 – 9300

**INFORMATION ONLY:** 877 – GAF – ROOF

**APPROVED BY:** 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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**ADDITIONAL HAZARD IDENTIFICATION INFORMATION:**

**PRIMARY ROUTE OF EXPOSURE:** Occasional nuisance dust, Inhalation

**SIGNS & SYMPTOMS OF EXPOSURE**

**EYES:** May cause irritation to the eyes.

**SKIN:** May cause irritation to the skin.

**INGESTION:** This product is not intended to be ingested. If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

**INHALATION:** May cause irritation to the respiratory tract.

**ACUTE HEALTH HAZARDS:** NIOSH has found that studies of workers exposed to asphalt fumes have repeatedly found irritation of the serous membranes of the conjunctivae (eye irritation) and the mucous membranes of the upper respiratory tract (nasal and throat irritation).

**CHRONIC HEALTH HAZARDS:** Studies in humans have found that exposure to respirable crystalline silica (quartz) can cause silicosis, a fibrosis (scarring) of the lungs. Silicosis is a serious and irreversible disease; it may be progressive even after exposure has ceased; it can lead to disability and death.

**CARCINOGENICITY:** Crystalline Silica: The International Agency for Research on Cancer (IARC) Group 1 - Known Human Carcinogen (listed under Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources).  
IARC has determined that occupational exposure to oxidized asphalt and its emissions is probably carcinogenic to humans (Group 2A).

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

CHEMICAL NAME	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Oxidized Asphalt	64742-93-4	10 - 30	NE	0.5 mg/m <sup>3</sup> (inhalable fraction, as benzene-soluble aerosol)	5 mg/m <sup>3</sup> – ceiling (15 min. fumes)
Silica, Crystalline Quartz	14808-60-7	3 - 7	50 ug/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.

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

**NE = Not Established**

**SECTION 4: FIRST AID MEASURES**

**FIRST AID PROCEDURES**

- EYES:** Hold eyelids open and wash with gentle stream of water for at least 15 minutes preferably at eyewash fountain.
- SKIN:** If contacted by hot asphalt. Cool with ice or water. Do not attempt to remove asphalt immediately. Consult medical personnel.
- INHALATION:** Remove to fresh uncontaminated air.

**INGESTION:** Not expected to be ingested.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Water-Jel has been shown to be an effective agent in softening and removing asphalt.

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**SECTION 5: FIRE FIGHTING PROCEDURES**

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**SUITABLE EXTINGUISHING MEDIA:** Water spray, Alcohol foam, Carbon Dioxide, or Dry chemical.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide and carbon monoxide.

**RECOMMENDED FIRE FIGHTING PROCEDURES:** NIOSH-approved self contained breathing apparatus is recommended for smoke protection.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Not applicable.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**ACCIDENTAL RELEASE MEASURES:** Pick up large pieces. Avoid creating dusts during clean up.

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**SECTION 7: HANDLING AND STORAGE**

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**HANDLING AND STORAGE:** Hot asphalt is used to apply many of these products; appropriate personal protective equipment should be worn handling this material.

**OTHER PRECAUTIONS:** Avoid breathing the fumes from hot asphalt.

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

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**ENGINEERING CONTROLS / VENTILATION:** Not applicable.

**RESPIRATORY PROTECTION:** Not applicable. under normal use conditions. In circumstances where dust or fumes are generated and may exceed recognized allowable exposure levels, appropriate NIOSH approved respiratory protection is recommended.

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

**SKIN PROTECTION:** Cotton or leather gloves are recommended when handling.

**OTHER PROTECTIVE EQUIPMENT:** None

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

**EXPOSURE GUIDELINES:** These products should be handled using methods and techniques that minimize or eliminate dust or fume generation.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Thin black sheet in roll form, may be surfaced with sand or film. Slight asphalt odor.		
<b>FLASH POINT:</b>	>500° F	<b>LOWER EXPLOSIVE LIMIT:</b>	No Data
<b>METHOD USED:</b>	COC	<b>UPPER EXPLOSIVE LIMIT:</b>	No Data
<b>EVAPORATION RATE:</b>	No Data	<b>BOILING POINT:</b>	No Data
<b>pH (undiluted product):</b>	No Data	<b>MELTING POINT:</b>	No Data
<b>SOLUBILITY IN WATER:</b>	No Data	<b>SPECIFIC GRAVITY:</b>	No Data
<b>VAPOR DENSITY:</b>	No Data	<b>PERCENT VOLATILE:</b>	No Data
<b>VAPOR PRESSURE:</b>	No Data	<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**  **UNSTABLE**

**CONDITIONS TO AVOID (STABILITY):** None known.

**INCOMPATIBILITY (MATERIAL TO AVOID):** None known.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None known.

**HAZARDOUS POLYMERIZATION:** Will Not Occur

**SECTION 11: TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** None available for the product. See section 3.

**SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** No information available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Comply with Federal, state and local regulations for disposal.

**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:** None

**SARA**

**311/312 HAZARD CATEGORIES:** None

**313 REPORTABLE INGREDIENTS:** None

**CALIFORNIA PROPOSITION 65:** Silica  
Bitumens, extracts of steam refined and air refined

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
Oxidized Asphalt	64742-93-4	No	No	No	No	No	No
Crystalline Silica	14808-60-7	Yes	Yes	Yes	Yes	Yes	Yes

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**SECTION 16: OTHER INFORMATION**

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**ADDITIONAL COMMENTS:** None

**DATE OF PREVIOUS SDS:** October 2016

**CHANGES SINCE PREVIOUS SDS:** Phone number.

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This information relates to the specific material designated and may not be valid for such material used in 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.