

# Designer Shingles

## Material Safety Data Sheet

Updated: 5/08



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**GAF Materials Corporation**  
**Material Safety Data Sheet**  
**MSDS # 1002**  
**MSDS Date: May 2008**

**SECTION 1: PRODUCT AND COMPANY INFORMATION**

**PRODUCT NAME:** Camelot®, Grand Sequoia®, Grand Canyon®, Country Mansion®, Grand Slate®, Capstone®, Slateline®

**TRADE NAME:** N/A

**CHEMICAL NAME / SYNONYM:** N/A

**CHEMICAL FAMILY:** Asphalt / Fiberglass Shingles

**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
Flammable
Reactive
Special Hazards

1  
1  
0  
-

Health
Flammable
Reactive
Personal Protection

1  
1  
0  
A

**OSHA HAZARDOUS:** Yes

No

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

**OCCUPATIONAL EXPOSURE LIMITS**

CHEMICAL NAME	CAS #	%	OSHA	ACGIH	OTHER
Granules	-	20 – 45	NE	NE	NE
Limestone	1317-65-3	25 – 45	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

## OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	%	OSHA	ACGIH	OTHER
Asphalt	8052-42-4	10 – 30	NE	0.5 mg/m <sup>3</sup> (inhalable fraction, as benzene-soluble aerosol)	REL: 5 mg/m <sup>3</sup> – Ceiling (15 min. fumes)
Crystalline Silica	14808-60-7	0 – 10	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.
Fiberglass Mat	65997-17-3	1 – 3	1 f/cc – resp.	1 f/cc – resp.	REL: 5 mg/m <sup>3</sup> – total fibers

**NE = Not Established**

As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the products above are considered articles and do not require an MSDS. However, GAF would like to disclose as much health and safety information as possible to ensure that this product is handled properly. All components listed for this product are bound within the shingle. When handled as intended and under normal conditions, none of the ingredients should be released and should not pose a significant health risk.

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**SECTION 3: HAZARDS IDENTIFICATION**


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**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:** None known.

**CHRONIC HEALTH HAZARDS:** None known.

**CARCINOGENICITY:** Direct implantation of glass fibers into the lung tissue of laboratory animals has produced lung fibrosis and lung cancer. Human epidemiological studies of inhalation exposure have yielded negative results. NTP Listed; Carcinogen IARC Class 3. Note: Fiberglass is completely encapsulated in the product. If handled under normal conditions, fiberglass should not be released.

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.

The International Agency for Research on Cancer (IARC) has determined that there is limited or inadequate evidence in humans for the carcinogenicity of exposure to asphalt. Classified as a Group 2B (Possibly Carcinogenic to Humans).

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**SECTION 4: FIRST AID MEASURES**

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**FIRST AID PROCEDURES**

- EYES:** Hold eyelids open and wash with gentle stream of water for at least 15 minutes preferably at eyewash fountain.
- SKIN:** Wash affected area thoroughly with soap and water.
- INHALATION:** Remove to fresh uncontaminated air.
- INGESTION:** Not expected to be ingested.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** No information available

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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, but not required.
- UNUSUAL FIRE & EXPLOSION HAZARDS:** N/A

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

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**SECTION 7: HANDLING AND STORAGE**

**HANDLING AND STORAGE:** No specific handling or storage requirements.

**OTHER PRECAUTIONS:** None

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

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

**RESPIRATORY PROTECTION:** N/A

**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:** N/A

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Granule coated shingle; no appreciable odor.		
<b>FLASH POINT:</b>	> 550 °F	<b>LOWER EXPLOSIVE LIMIT:</b>	No data
<b>METHOD USED:</b>	No data	<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

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**SECTION 10: STABILITY AND REACTIVITY**

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THERMAL STABILITY: STABLE  UNSTABLE 

CONDITIONS TO AVOID (STABILITY): None known.

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Dioxide and Carbon Monoxide

HAZARDOUS POLYMERIZATION: Will Not Occur

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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TOXICOLOGICAL INFORMATION: No information available.

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**SECTION 12: ECOLOGICAL INFORMATION**

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ECOLOGICAL INFORMATION: No information available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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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: None

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**SECTION 14: TRANSPORTATION INFORMATION**

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**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
Limestone	1317-65-3	No	Yes	Yes	No	Yes	Yes
Asphalt	8052-42-4	Yes	Yes	Yes	Yes	Yes	Yes
Crystalline Silica	14808-60-7	Yes	Yes	Yes	Yes	Yes	Yes
Fiberglass Mat	65997-17-3	Yes	No	Yes	Yes	No	Yes

**SECTION 16: OTHER INFORMATION**

**ADDITIONAL COMMENTS:** None.

**DATE OF PREVIOUS MSDS:** November 7, 2005

**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.**