

# GAFGLAS®

## Material Safety Data Sheet

Updated: 5/08



*Quality You Can Trust Since 1886...  
From North America's Largest Roofing Manufacturer™*



**GAF Materials Corporation**  
**Material Safety Data Sheet**  
**MSDS #1004**  
**MSDS Date: May 2008**

**SECTION 1: PRODUCT AND COMPANY INFORMATION**

**PRODUCT NAME:** GAFGLAS® Ply 4 Roofing Felt, GAFGLAS® Ply 6 Roofing Felt, GAFGLAS® #75 Base Sheet, GAFGLAS® Flashing, GAFGLAS® Base & Ply Sheet (NLM), Weathercote (NLM), Black Armor® Base Sheet, GAFGLAS® #80 Ultima™ Base Sheet, GAFGLAS® Flexply™ 6, Tile Mate  Base

**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:** Randy Redwine

**APPROVED BY:** Phil Curry

**NFPA Hazard Rating**

**HMIS Hazard Rating**

Health	1
Flammable	1
Reactive	0
Special Hazards	-

1
1
0
-

Health	1
Flammable	1
Reactive	0
Personal Protection	X

1
1
0
X

**OSHA HAZARDOUS:** Yes

No X

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

**OCCUPATIONAL EXPOSURE LIMITS**

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Silica, Crystalline Quartz	14808-60-7	Approx. 20	10 mg/m3 / (% SiO2 + 2) <input type="checkbox"/> resp.	0.025 mg/m3	REL: 0.05 mg/m3 <input type="checkbox"/> resp.

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Talc (containing no asbestos)	14807-96-6	< 20	20 mppcf (containing <1% Quartz)	2 mg/m <sup>3</sup>	REL: 2 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		Approx. 20			

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 product. 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:** 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.

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**SECTION 4: FIRST AID MEASURES**

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**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:** CO2, 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.

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

<b>ENGINEERING CONTROLS / VENTILATION:</b>	N/A
<b>RESPIRATORY PROTECTION:</b>	N/A
<b>EYE PROTECTION:</b>	Safety glasses with side shields.
<b>SKIN PROTECTION:</b>	N/A
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Long sleeve shift and long trousers, (both with minimal synthetic fiber content). Solid work shoes.
<b>WORK HYGIENIC PRACTICES:</b>	Wash hands after application.
<b>EXPOSURE GUIDELINES:</b>	N/A

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Thin black sheet in roll form, sand or talc surfaced. 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	Yes	Yes	Yes	Yes	Yes
Talc (containing no asbestos)	14807-96-6	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 MSDS:** 05/2003

**CHANGES SINCE PREVIOUS MSDS:** Updated to ANSI 16 section 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

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