

Fibrous Glass

Material Safety Data Sheet

Updated: 11/08



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GAF Materials Corporation
Material Safety Data Sheet
MSDS # 1001
MSDS Date: November 2008

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Fibrous Glass

TRADE NAME: N/A

CHEMICAL NAME / SYNONYM: Chopped Fiber Glass (Type E)

CHEMICAL FAMILY: Low Alkali Borosilicate Glass

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	1	Health	1
Flammable	0	Flammable	0
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	B
OSHA HAZARDOUS:	Yes X		No <input type="checkbox"/>

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME *	CAS #	%	OSHA	ACGIH	OTHER
Fibrous Glass	65997-17-3	99 – 100	1 f/cc – resp.	1 f/cc – resp.	REL: 5 mg/m ³ – total fibers

* A sizing compound is applied to the glass strands during processing. The sizing compound is less than 0.5% of the finished product by weight and is a mixture of various polymers and small amounts of other additives.

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE: Skin contact, Eye contact, Inhalation

SIGNS & SYMPTOMS OF EXPOSURE

Eyes: May cause mechanical irritation to the eyes.

Skin: May cause mechanical 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: Mechanical irritation of mouth, eyes, nose, throat, skin irritation.

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.

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES: Do not rub or scratch eyes. Dust particles may cause the eye to be scratched. Flush eyes with large amounts of water until irritation subsides. If irritation persists, seek medical attention. Do not rub or scratch your eyes. Particles may cause the eye to be scratched. Flush eyes with large amounts of cool water for 15 minutes while holding the eyelids apart to ensure flushing of entire surface. If irritation persists, seek medical attention.

SKIN: Wash gently with soap and water to remove dust and fibers. Alternatively, fibers can be removed from the skin by use of ordinary masking or wrapping tape. Should irritation persist, seek medical attention. Wash with soap and plenty of cool water, never use hot water, in event of dermatitis, change clothing and get medical advice.

INHALATION: Remove to fresh uncontaminated air. Drink water to clear throat, and blow nose to remove dust. A saline spray in the nose may help clear any fibers.

INGESTION: Not expected to be ingested. If ingested, Rinse mouth with water to remove dust and fibers and drink plenty of water to help reduce irritation. If irritation persists, seek medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: This product is a mechanical irritant and is not expected to produce any chronic health effects from acute exposures. Treatment should be directed toward removing the source of the irritation with symptomatic

treatment as necessary.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA:	Water spray, carbon dioxide or dry chemical.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide and carbon monoxide.
RECOMMENDED FIRE FIGHTING PROCEDURES:	No special procedures are expected to be necessary for this product. Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases.
UNUSUAL FIRE & EXPLOSION HAZARDS:	N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:	Shovel up loose fibers and dispose of properly. Do not use compressed air for clean-up. These procedures will help to minimize potential exposures.
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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:	Use protective equipment as described in Section 8 when handling uncontained material. Warehouse storage should be in accordance with package directions, if any. Material should be kept clean, dry, and packaging protected from moisture.
OTHER PRECAUTIONS:	None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION:	No special ventilation systems are required under normal conditions of use.
RESPIRATORY PROTECTION:	Respiratory protection not required under normal use. If respiratory protection is selected, a NIOSH-approved dust mask or respirator should be worn. Selection and use of specific respirators should meet applicable standards set by state and Federal OSHA standards for respiratory protection.
EYE PROTECTION:	Safety glasses with side shields.
SKIN PROTECTION:	Long Sleeve shirts and ankle length pants, loose fitting clothing is

recommended. Latex or nitrile gloves should be worn if handling the finished product. Leather or cotton gloves should be worn to protect against mechanical irritation.

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

APPEARANCE & ODOR:	Glass fibers chopped (1/8" to 2" long), white in color, no significant odor		
FLASH POINT:	No data	LOWER EXPLOSIVE LIMIT:	No data
METHOD USED:	No data	UPPER EXPLOSIVE LIMIT:	No data
EVAPORATION RATE:	No data	BOILING POINT:	No data
pH (undiluted product):	No data	MELTING POINT:	No data
SOLUBILITY IN WATER:	No data	SPECIFIC GRAVITY:	2.6
VAPOR DENSITY:	No data	PERCENT VOLATILE:	No data
VAPOR PRESSURE:	No data	MOLECULAR WEIGHT:	No data
VOC WITH WATER (LBS/GAL):	No data	WITHOUT WATER (LBS/GAL):	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: Carbon Dioxide and Carbon Monoxide

HAZARDOUS POLYMERIZATION: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information available.

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: None

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: Acute health hazard

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.
Cancer: Acetaldehyde (75-07-0), Methyl Carbamate (598-55-0).
Note: both chemicals are in trace amounts only.

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
Fibrous Glass	65997-17-3	Yes	No	Yes	Yes	No	Yes

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None.

DATE OF PREVIOUS MSDS: May 1, 2008

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.