

StormSafe™

Material Safety Data Sheet

Updated: 1/09



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GAF Materials Corporation
Material Safety Data Sheet
MSDS # 2085
MSDS Date: January 2009

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: StormSafe™
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: Corporate EHS
APPROVED BY: Corporate EHS

NFPA Hazard Rating

HMIS Hazard Rating

Health	0	Health	0
Flammable	0	Flammable	0
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X

OSHA HAZARDOUS: Yes No

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	%(BY WT)	OSHA	ACGIH	OTHER
Crystalline Silica	68855-54-9	0.5%	10 / % Si +2	0.025 mg/m3	NE
Ferric Oxide	1309-37-1	0.1%-0.25%	10 mg/m3 (Fume)	5 mg/m3 Resp.	REL: 5 mg/m3 (Dust and Fume)

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Arsenic	7440-38-2	<0.1%	0.5 mg/m ³ (organic); 0.01 mg/m ³ (inorganic)	0.01 mg/m ³	REL: .002 mg/m ³ (Ceil 15-min.)
Antimony Trioxide	1309-64-4	<0.1%	5 mg/m ³	5 mg/m ³	REL: 5 mg/m ³
4-hydroxy-2,2,6,6-tetramethyl-1-piperidineethanol	65447-77-0	<0.1%	NE	NE	NE
1,2-bis(tetrabromophthalimido) ethane	32588-76-4	<0.1%	NE	NE	NE

NE = Not Established

NOTE: All ingredients in StormSafe fabrics are bound within the polyolefin. StormSafe fabrics are not hazardous under normal conditions.

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE: N/A

SIGNS & SYMPTOMS OF EXPOSURE

EYES: N/A

SKIN: N/A

INGESTION: N/A

INHALATION: N/A

ACUTE HEALTH HAZARDS: May cause irritation to the throat, mouth, and stomach and/or may cause nausea.

CHRONIC HEALTH HAZARDS: N/A

CARCINOGENICITY: N/A

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES: N/A

SKIN: N/A

INHALATION: N/A

INGESTION: If swallowed, contact a physician.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: For minor burns caused by molten plastic material, treat with cool running water immediately.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA: Water, dry chemical, carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, oxides of nitrogen, aldehydes and unidentified organic compounds may be formed upon combustion. The nature and quantity of by-products formed upon combustion will vary under various conditions -temperature, available oxygen, the presence of other materials, and the nature of combustion (flame or carbonization).

RECOMMENDED FIRE FIGHTING PROCEDURES: Avoid contact with dripping molten plastic. Use self-contained breathing apparatus.

UNUSUAL FIRE & EXPLOSION HAZARDS: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Clean up material and properly dispose of.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Adequately restrain rolls to prevent shifting during handling and storage. Store below 60° C. Avoid sources of ignition.

OTHER PRECAUTIONS: Avoid contact with dripping molten plastic.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

INCOMPATIBILITY (MATERIAL TO AVOID): N/A

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide, carbon dioxide, oxides of nitrogen, aldehydes and unidentified organic compounds may be formed upon combustion. Flame retardant grades may include hydrobromic acid, and Antimony Oxides. The nature and quantity of by-products formed upon combustion will vary under various conditions – temperature, available oxygen, the presence of other materials, and the nature of combustion (flame or carbonization).

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: N/A

CERCLA: N/A

SARA

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: N/A

CALIFORNIA PROPOSITION 65: N/A

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
Crystalline Silica	68855-54-9	No	No	N/A	No	Yes	No
Ferric Oxide	1309-37-1	Yes	No	N/A	Yes	Yes	Yes
Arsenic	7440-38-2	Yes	Yes	N/A	Yes	Yes	Yes
Antimony Trioxide	1309-64-4	Yes	Yes	Yes	Yes	Yes	Yes
4-hydroxy-2,2,6,6-tetramethyl-1-piperidineethanol	65447-77-0	No	No	N/A	No	No	No
1,2-bis(tetrabromophthalimido)ethane	32588-76-4	No	No	N/A	No	No	No

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: N/A
DATE OF PREVIOUS MSDS: N/A
CHANGES SINCE PREVIOUS MSDS: Update

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.