

GAF/ELK Shingle Match Roof Aerosol

Material Safety Data Sheet

Updated: 11/08



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GAF Materials Corporation
Material Safety Data Sheet
MSDS # 2100
MSDS Date: November 2008

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: GAF/ELK Shingle Match Roof Aerosol – Products 2600070, 2600097, 2600180, 2600258, 2600330, 2600395, 2600477, 2600552, 2600723, 2600737, 2600750, 2600900

TRADE NAME: N/A

CHEMICAL NAME / SYNONYM: N/A

CHEMICAL FAMILY: Aerosol Paint

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
Flammable
Reactive
Special Hazards

2
4
0
-

Health
Flammable
Reactive
Personal Protection

2
4
0
X

OSHA HAZARDOUS: Yes X

No

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	%(BY WT)	OSHA	ACGIH	OTHER
Acetone	67-64-1	30 – 33%	1000 ppm	500 ppm 750 ppm STEL	REL: 250 ppm
Hydrocarbon Propellant	Mixture	27 – 29%	NE	NE	NE

OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Toluene	108-88-3	13 – 16%	200 ppm 300 ppm – ceiling	20 ppm	REL: 100 ppm 150 ppm STEL
Ethyl Benzene	100-41-4	0 – 0.35%	100 ppm 125 ppm - ceiling	100 ppm	REL: 100 ppm 125 ppm STEL
Talc (containing no asbestos)	14807-96-6	4 – 6%	20 mppcf (containing <1% Quartz)	2 mg/m ³	REL: 2 mg/m ³ – resp.
Carbon Black	1333-86-4	0 – 0.25%	NE	3.5 mg/m ³	REL: 3.5 mg/m ³
VM & P Naphtha	8030-30-6	8 – 10%	100 ppm	400 ppm	REL: 400 mg/m ³
Yellow Iron Oxide	51274-00-1	0 – 2%	NE	NE	NE

NE = Not Established

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE: Skin and inhalation

SIGNS & SYMPTOMS OF EXPOSURE

- EYES:** May cause irritation of the eyes including redness, stinging, and watering.
- SKIN:** Exposure may cause mild irritation. Prolonged exposure may cause drying and cracking.
- INGESTION:** Moderately toxic in large amounts. Could cause drowsiness, nausea or headache.
- INHALATION:** Exposure to vapors, mists or sanding dusts may cause moderate irritation to the lungs, nose, and throat. May also cause dizziness, nausea or fatigue.

ACUTE HEALTH HAZARDS: See above

CHRONIC HEALTH HAZARDS: Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage.

CARCINOGENICITY: This product contains carbon black and ethyl benzene. Ethyl benzene and carbon black have been classified by IARC as possible carcinogens (group 2B) for humans from lab animal studies.

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES:	Immediately flush the eyes with large amounts of clean low-pressure water for at least 15 minutes, occasionally lifting the upper and lower lids. If symptoms persist, seek medical attention.
SKIN:	Remove contaminated clothing. Wash affected area with soap and water. Wash clothing before reuse.
INHALATION:	If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Promptly obtain medical attention.
INGESTION:	Do not induce vomiting. Give 1 to 2 glasses of water to dilute. Promptly obtain medical attention.
NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:	Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure of this product.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA:	Carbon Dioxide, Dry Chemical, Foam, Water Fog
HAZARDOUS COMBUSTION PRODUCTS:	Carbon monoxide, carbon dioxide and unidentified organic compounds.
RECOMMENDED FIRE FIGHTING PROCEDURES:	Wear self-contained breathing apparatus and full protective clothing. Treat as a volatile liquid fire. Water may be unsuitable as an extinguishing medium. If water spray is used, fog nozzles are preferable. Water may be used to cool sealed containers to prevent pressure build-up and possible explosion or auto-ignition when exposed to the heat of a fire.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Closed containers may explode when exposed to extreme heat. Isolate from heat, sparks, and open flame. Vapors may accumulate and travel to ignition sources distant from handling site.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:	Eliminate all ignition sources. Contain spill, absorb liquid with clay, sand or floor absorbent. Prevent run-off to sewers, streams or other bodies of water.
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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Handle as an extremely flammable material. Keep liquid and vapor away from heat, sparks, and open flame. Close container after each use. Store in a cool dry area. Do not expose container to temperatures above 120 °F.

OTHER PRECAUTIONS: Keep out of reach of children. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Provide sufficient ventilation in volume and pattern to keep contaminants below applicable OSHA requirements or other suggested exposure limits.

RESPIRATORY PROTECTION: Do not breathe vapors or mists. If the TLV, PEL, or other limits are exceeded, then wear a properly fitted vapor and particulate or positive pressure air supplied respirator approved by NIOSH/MSHA for use with paints during application and until all vapors and spray mists are exhausted. Follow the respirator manufacturer's directions for proper use.

EYE PROTECTION: Safety glasses with side shields should be worn to prevent eye contact. Contact lens should not be worn.

SKIN PROTECTION: Use solvent resistant gloves to avoid prolonged contact.

OTHER PROTECTIVE EQUIPMENT: Eye washes and safety showers should be provided in the event of an accident.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling and before eating, drinking or smoking.

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Colored liquid; solvent odor		
FLASH POINT:	< 20 °F	LOWER EXPLOSIVE LIMIT:	2%
METHOD USED:	No data	UPPER EXPLOSIVE LIMIT:	No data
EVAPORATION RATE:	Slower than Ether	BOILING POINT:	< 0 °F

pH (undiluted product):	No data	MELTING POINT:	No data
SOLUBILITY IN WATER:	No data	SPECIFIC GRAVITY:	0.76
VAPOR DENSITY:	Heavier than Air	PERCENT VOLATILE:	92 – 95%
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):

Do not store above 120 °F, incinerate, or puncture.

INCOMPATIBILITY (MATERIAL TO AVOID):

Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

May emit fumes when heated to decomposition. May emit carbon monoxide, carbon dioxide, unidentified organic compounds.

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:

Dispose of containers and absorbed material in accordance with all federal, state, and local requirements.

RCRA HAZARD CLASS: See above

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT TRANSPORTATION

PROPER SHIPPING NAME: This product is classified as a Consumer Commodity, ORM-D.

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: N/A

SARA

311/312 HAZARD CATEGORIES: Fire hazard, acute health hazard, chronic health hazard

313 REPORTABLE INGREDIENTS: Toluene, Ethyl Benzene

CALIFORNIA PROPOSITION 65: This product contains chemicals 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
Acetone	67-64-1	No	No	No	Yes	No	No
Toluene	108-88-3	Yes	Yes	Yes	Yes	No	Yes
Ethyl Benzene	100-41-4	Yes	Yes	Yes	Yes	No	Yes

Chemical Name	CAS #	CA	MA	MN	NJ	PA	RI
Hydrous Calcium Magnesium Silicate	14807-96-6	No	No	No	No	No	No
Carbon Black	13333-86-4	Yes	No	Yes	No	Yes	Yes
VM & P Naphtha	8030-30-6	Yes	Yes	Yes	Yes	Yes	Yes
Yellow Iron Oxide	51274-00-1	No	No	No	No	No	No

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: N/A

DATE OF PREVIOUS MSDS: N/A

CHANGES SINCE PREVIOUS MSDS: New MSDS

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.