

Shingle-Mate®

Material Safety Data Sheet

Updated: 2/09



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From North America's Largest Roofing Manufacturer™*



SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Shingle-Mate®
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 | 1 | Health | 1 |
| Flammable | 1 | Flammable | 1 |
| Reactive | 0 | Reactive | 0 |
| Special Hazards | - | Personal Protection | A |

OSHA HAZARDOUS: Yes No

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS

| CHEMICAL NAME | CAS # | % | OSHA | ACGIH | OTHER |
|---------------------------|-----------|---------|------|--|--|
| Asphalt | 8052-42-4 | 50 – 60 | NE | 0.5 mg/m ³ (inhalable fraction, as benzene-soluble aerosol) | REL: 5 mg/m ³ – Ceiling (15 min. fumes) |
| Non-hazardous ingredients | | 40 – 50 | NE | NE | NE |

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. When handled as intended and under normal conditions, none of the ingredients should be released and should not pose a significant health risk.

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE: Skin contact, Eye contact and 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, nausea, vomiting and diarrhea.

Inhalation: May cause irritation to the respiratory tract. Fumes from hot asphalt may cause nausea, headache, dizziness.

ACUTE HEALTH HAZARDS: See above.

CHRONIC HEALTH HAZARDS: None known.

CARCINOGENICITY: 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).

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES: Hold eyelids open and wash with gentle stream of water for at least 15 minutes preferably at eyewash fountain. Seek medical assistance if discomfort continues.

SKIN: Wash affected area thoroughly with soap and water.

INHALATION: Remove to fresh uncontaminated air.

INGESTION: Not expected to be ingested. If this product is ingested, rinse mouth with water to remove material or dust and drink plenty of water to help reduce the irritation. Seek medical assistance.

**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 irritation with symptomatic treatment as necessary.

SECTION 5: FIRE FIGHTING PROCEDURES

| | |
|--|---|
| SUITABLE EXTINGUISHING MEDIA: | Water spray, Alcohol foam, Carbon dioxide or Dry chemical. |
| HAZARDOUS COMBUSTION PRODUCTS: | Carbon dioxide and carbon monoxide. |
| RECOMMENDED FIRE FIGHTING PROCEDURES: | Wear self-contained breathing apparatus and full protective clothing. |
| UNUSUAL FIRE & EXPLOSION HAZARDS: | None known. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Pick up or sweep up large pieces.

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: | None required. Cotton or leather gloves may be worn when handling for comfort. |
| 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: | Thin black sheet in roll form; slight asphaltic 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: | Insoluble | SPECIFIC GRAVITY: | No data |
| 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):** Avoid flames and excessive heat.**INCOMPATIBILITY (MATERIAL TO AVOID):** Oxidizing agents and strong acids.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon dioxide, carbon monoxide, hydrogen sulfide, sulfur oxides and nitrogen oxides.**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, Chronic Health Hazard, Fire 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: asphalt.

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 |
|---------------|-----------|-----|-----|-----|-----|-----|-----|
| Asphalt | 8052-42-4 | Yes | Yes | Yes | Yes | Yes | Yes |

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None.

DATE OF PREVIOUS MSDS: May 2003

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.