



GAF
Safety Data Sheet
SDS # 2270
SDS Date: March 2024

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Tri-Ply® APP Smooth
TRADE NAME: Roll Roofing
MANUFACTURER: GAF
ADDRESS: 1 Campus Drive, Parsippany, NJ 07054
24-HOUR EMERGENCY PHONE (CHEMTREC): 800 – 424 – 9300
INFORMATION ONLY: 877 – GAF – ROOF
APPROVED BY: Corporate EHS

SECTION 2: HAZARDS IDENTIFICATION

As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the products listed below are considered articles and do not require an SDS. In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product. When handled as intended and under normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, GAF would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and be made available for employees and other users of this product. In addition, the recommendations for handling and use of these products should be included in worker training programs.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Occasional nuisance dust, Inhalation

SIGNS & SYMPTOMS OF EXPOSURE

EYES: May cause irritation to the eyes.

SKIN: May cause irritation to the skin.

INGESTION: Not applicable.

INHALATION: May cause irritation to the respiratory tract.

ACUTE HEALTH HAZARDS: NIOSH has found that studies of workers exposed to asphalt

fumes have repeatedly found irritation of the serous membranes of the conjunctivae (eye irritation) and the mucous membranes of the upper respiratory tract (nasal and throat irritation).

CHRONIC HEALTH HAZARDS:

See below – carcinogenicity.

CARCINOGENICITY:

The International Agency for Research on Cancer (IARC) has determined that occupational exposure to oxidized asphalt and its emissions is possibly carcinogenic to humans (Group 2B).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| | | | OCCUPATIONAL EXPOSURE LIMITS | | |
|-------------------------------------|------------|-----------|---|---|--|
| CHEMICAL NAME | CAS # | % (BY WT) | OSHA | ACGIH | OTHER |
| Asphalt | 8052-42-4 | 50-55 | NE | 0.5 mg/m ³ (inhalable fraction, as benzene-soluble aerosol) | REL: 5 mg/m ³ – Ceiling (15 min. fumes) |
| Limestone (CaCO ₃) | 1317-65-3 | ~25 | 5 mg/m ³ resp. 15 mg/m ³ total | NE | REL: 5 mg/m ³ resp. 10 mg/m ³ total |
| or Talc (containing no asbestos) | 14807-96-6 | ~25 | 20 mppcf (containing <1% Quartz) | 2 mg/m ³ | REL: 2 mg/m ³ – resp. |
| Non-Hazardous Ingredients | - | ~25 | NE | NE | NE |

NE = Not Established

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.

SKIN:

Wash exposed skin with soap and water. If irritation develops or persists, seek medical attention.

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:**

Dust from the product may cause mechanical irritation of the eyes, skin, and upper respiratory tract. Treat symptomatically.

SECTION 5: FIRE FIGHTING PROCEDURES

| | |
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| SUITABLE EXTINGUISHING MEDIA: | Water spray, alcohol foam, carbon dioxide, or dry chemical. |
| HAZARDOUS COMBUSTION PRODUCTS: | Carbon dioxide and carbon monoxide. |
| RECOMMENDED FIRE FIGHTING PROCEDURES: | NIOSH-approved self-contained breathing apparatus is recommended for smoke protection. |
| UNUSUAL FIRE & EXPLOSION HAZARDS: | None. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

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| ACCIDENTAL RELEASE MEASURES: | Pick up large pieces. Avoid creating dusts during clean up. Use a dust suppressant if sweeping is necessary. |
|-------------------------------------|--|

SECTION 7: HANDLING AND STORAGE

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| HANDLING AND STORAGE: | Hot asphalt is used to apply many of these products; appropriate personal protective equipment should be worn handling this material. |
| OTHER PRECAUTIONS: | When heated, small amounts of hydrogen sulfide may be given off. Hydrogen sulfide is a flammable, toxic gas. Avoid breathing fumes. |

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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| ENGINEERING CONTROLS / VENTILATION: | Not applicable. |
| RESPIRATORY PROTECTION: | Not applicable under normal use conditions. In circumstances where dust or fumes are generated and may exceed recognized allowable exposure levels, appropriate NIOSH approved respiratory protection is recommended. |
| EYE PROTECTION: | Safety glasses with side shields |

SKIN PROTECTION: Cotton or leather gloves are recommended when handling.

OTHER PROTECTIVE EQUIPMENT: Work shoes.

WORK HYGIENIC PRACTICES: Wash exposed skin prior to eating, drinking or smoking and at the end of each shift.

EXPOSURE GUIDELINES: These products should be handled using methods and techniques that minimize or eliminate dust or fume generation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------------|--|---------------------------------|---------|
| APPEARANCE & ODOR: | Thin black sheet in roll form, may be surfaced with granules, talc, sand or film. Slight asphalt odor. | | |
| FLASH POINT: | >500° F | LOWER EXPLOSIVE LIMIT: | No Data |
| METHOD USED: | COC | 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: | 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): None known.

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

The International Agency for Research on Cancer (IARC) has determined that occupational exposure to oxidized asphalt and its emissions is possibly carcinogenic to humans (Group 2B).

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Comply with Federal, state and local regulations for disposal.

SECTION 14: TRANSPORTATION INFORMATION**DOT**

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

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: Bitumens.

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 |
| Limestone | 1317-65-3 | No | Yes | Yes | No | Yes | Yes |
| Talc (containing no asbestos) | 14807-96-6 | Yes | No | Yes | Yes | Yes | Yes |

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None

DATE OF PREVIOUS SDS: December 2014

CHANGES SINCE PREVIOUS SDS: Update to Sections 1.

This information relates to the specific material designated and may not be valid for such material used in 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.