



GAF
Safety Data Sheet
SDS # 2277
SDS Date: April 2024

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Ruberoid® HW 20 Smooth
Ruberoid® HW 25 Smooth
Ruberoid® HW 30 Smooth

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 above 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: 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: 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:

Studies in humans have found that exposure to respirable crystalline silica (quartz) can cause silicosis, a fibrosis (scarring) of the lungs. Silicosis is a serious and irreversible disease; it may be progressive even after exposure has ceased; it can lead to disability and death.

CARCINOGENICITY:

IARC has determined that occupational exposure to oxidized asphalt and its emissions is probably carcinogenic to humans (Group 2A).

IARC has determined that respirable crystalline silica is carcinogenic to humans (Group 1), based on findings of sufficient evidence of carcinogenicity in both humans and experimental animals. NTP has classified respirable crystalline silica as a known human carcinogen based on sufficient evidence of carcinogenicity from studies in humans indicating a causal relationship between exposure to respirable crystalline silica and increased lung cancer rates in workers exposed to crystalline silica dust. NIOSH has determined that respirable crystalline silica is a potential occupational carcinogen.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| | | | OCCUPATIONAL EXPOSURE LIMITS | | |
|------------------|-------------------|-------|---|---|--|
| CHEMICAL NAME | CAS # | % | OSHA | ACGIH | OTHER |
| Oxidized Asphalt | 64742-93-4 | 40-45 | NE | 0.5 mg/m ³ (inhalable fraction as benzene soluble aerosol) | 5 mg/m ³ –ceiling |
| Granules | Not Applicable | 5-35 | NE | NE | NE |
| Limestone | 1317-65-3 | 5-30 | 5 mg/m ³ resp. 15 mg/m ³ total | 3 mg/m ³ resp. 10 mg/m ³ total | REL: 5 mg/m ³ resp. 15 mg/m ³ total |

| | | | | | |
|------------------------------|------------|------|----------------------|-------------------------|--------------------------------------|
| Crystalline Silica Quartz | 14808-60-7 | 5-35 | 50 µg/m ³ | 0.025 mg/m ³ | REL 5 mg/m ³ – ceiling |
|------------------------------|------------|------|----------------------|-------------------------|--------------------------------------|

NE = Not Established

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

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 affected area thoroughly with soap and water. If irritation develops or persists, seek medical attention.
- INHALATION:** Remove to fresh uncontaminated air.
- INGESTION:** Not expected to be ingested. If this product is ingested, do not induce vomiting, and seek medical attention immediately.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

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:** NIOSH-approved self-contained breathing apparatus is recommended for smoke protection.
- UNUSUAL FIRE & EXPLOSION HAZARDS:** None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Pick up or sweep up pieces. Avoid creating dust during cleanup.

SECTION 7: HANDLING AND STORAGE

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|------------------------------|---|
| HANDLING AND STORAGE: | Warehouse storage should be in accordance with package directions, if any. Material should be kept clean, dry, and in original packaging. |
| OTHER PRECAUTIONS: | None |

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|--|---|
| ENGINEERING CONTROLS / VENTILATION: | None. |
| 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: | Long sleeve shirt and long pants. Suitable gloves should be worn to protect against mechanical abrasion. |
| OTHER PROTECTIVE EQUIPMENT: | None |
| WORK HYGIENIC PRACTICES: | Wash exposed skin prior to eating, drinking or smoking and at the end of each shift. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------|---|-------------------------------|----------------|
| APPEARANCE & ODOR: | Dark mat with granule or white coated surface. Slight asphaltic odor. | | |
| FLASH POINT: | > 500 °F | LOWER EXPLOSIVE LIMIT: | Not Applicable |
| METHOD USED: | Not Applicable | UPPER EXPLOSIVE LIMIT: | Not Applicable |
| EVAPORATION RATE: | Not Applicable | BOILING POINT: | Not Applicable |
| pH (undiluted product): | Not Applicable | MELTING POINT: | Not Applicable |
| SOLUBILITY IN WATER: | Insoluble | SPECIFIC GRAVITY: | Not Applicable |
| VAPOR DENSITY: | Not Applicable | PERCENT VOLATILE: | Not Applicable |
| VAPOR PRESSURE: | Not Applicable | MOLECULAR WEIGHT: | Not Applicable |
| VOC (g/L): | Not Applicable | | |

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, carbon particulates.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION**TOXICOLOGICAL INFORMATION:**

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.

TOXICOLOGICAL INFORMATION:

Crystalline silica is considered a hazard by inhalation. The International Agency for Research on Cancer (IARC) has classified crystalline silica as a Group 1 substance, carcinogenic to humans. This classification is based on the findings of laboratory animal studies (inhalation and implantation) and epidemiology studies that were considered sufficient for carcinogenicity. Excessive exposure to crystalline silica can cause silicosis, a non-cancerous lung disease.

IARC has determined that occupational exposure to oxidized asphalt and its emissions is probably carcinogenic to humans (Group 2A).

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Extracts, petroleum, heavy naphthenic (64742-11-6)

48 Hr EC50 Daphnia magna: 1.4 mg/L

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of waste material according to Local, State, and Federal, environmental regulations.

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 None

311 / 312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

CALIFORNIA PROPOSITION 65: This product can expose you to Silica and Bitumens, extracts of steam refined and air refined, which are known to the State of California to cause cancer.

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 | 14808-60-7 | No | Yes | Yes | Yes | Yes | Yes |
| Oxidized Asphalt | 64742-93-4 | Yes | Yes | Yes | Yes | Yes | Yes |

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS: None.

DATE OF PREVIOUS SDS: 5/2/2018

CHANGES SINCE PREVIOUS SDS: Addition of new product.

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 that infringe valid patents or as extending a license of valid patents.