



**GAF Corporation**  
**Safety Data Sheet**  
**SDS # 4048**  
**SDS Date: February 2021**

---

**SECTION 1: PRODUCT AND COMPANY INFORMATION**

---

**PRODUCT NAMES:** DensDeck® Roof Board  
DensDeck® Prime Roof Board  
DensDeck® StormX Prime Roof Board

**MANUFACTURER:** GAF

**ADDRESS:** 1 Campus Drive, Parsippany, NJ 07054

**24-HOUR EMERGENCY  
PHONE (CHEMTREC):** 800 – 424 – 9300

**INFORMATION ONLY:** 800 – 766 – 3411

**PREPARED BY:** Corporate EHS

**APPROVED BY:** Corporate EHS

---

**SECTION 2: HAZARDS IDENTIFICATION**

---

This product is not hazardous in the form in which it is shipped by the manufacturer but may become hazardous by downstream activities such as cutting, sanding, or otherwise working with this product that generate large amount of dusts. Those hazards associated with large amount of dusts are described below..

**HEALTH HAZARDS:** Eye irritation Category 2B

**HAZARD SYMBOL:** Not classified.

**SIGNAL WORD:** Warning.

**HAZARD STATEMENT:** Causes eye irritation.

**PRECAUTIONARY STATEMENT:** Wash thoroughly after handling.  
Observe good industrial hygiene practices.

**RESPONSE:** Wash hands after handling.  
If in eyes: Rinse with water for several minutes.  
Remove contact lenses if present and easy to do so.  
If eye irritation persists get medical advice/attention.

**PRIMARY ROUTE OF EXPOSURE:** Not applicable.

**SIGNS & SYMPTOMS OF EXPOSURE**

**EYES:** Dust in the eyes will cause irritation.

**SKIN:** Frequent or prolonged contact may defat and dry the skin, leading

to discomfort and dermatitis.

**INGESTION:** Not applicable under normal conditions of use.

**INHALATION:** Inhalation of dusts may cause respiratory irritation.

**ACUTE HEALTH HAZARDS:** Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort.

**CHRONIC HEALTH HAZARDS:** None.

**CARCINOGENICITY:** CRYSTALLINE SILICA (QUARTZ)\* (CAS 14808-60-7)  
IARC Category 1 - Carcinogenic to humans.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

			OCCUPATIONAL EXPOSURE LIMITS		
CHEMICAL NAME	CAS #	% (BY WT)	OSHA	ACGIH	OTHER
Calcium Sulfate Dihydrate	10101-41-4	80 - 100	5 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	NIOSH 5 mg/m <sup>3</sup>
Vermiculite	1318-00-9	0 - 10	5 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	NE
Continuous Filament Glass Fiber	65997-17-3	1 - 5	NE	5 mg/m <sup>3</sup>	NIOSH 10 mg/m <sup>3</sup>
Crystalline Silica (Quartz)	14808-60-7	0.1 - 1	50 mcg/m <sup>3</sup>	25 mcg/m <sup>3</sup>	NIOSH 50 mcg/m <sup>3</sup>

NE = Not Established

### SECTION 4: FIRST AID MEASURES

#### FIRST AID PROCEDURES

**EYES:** Do not rub the eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**SKIN:** For skin contact, wash immediately with soap and water. Get medical attention if irritation develops and persists.

**INHALATION:** If dust from the material is inhaled, remove the affected person immediately to fresh air. Call a physician if symptoms develop or persist.

**INGESTION:** Rinse mouth. May result in obstruction and irritation if ingested. Get medical attention.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

---

**SECTION 5: FIRE FIGHTING PROCEDURES**

---

<b>SUITABLE EXTINGUISHING MEDIA:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	None known.
<b>RECOMMENDED FIRE FIGHTING PROCEDURES:</b>	For large fire involving this material, fire fighters should use self-contained breathing apparatus.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	None known.

---

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

---

<b>ACCIDENTAL RELEASE MEASURES:</b>	Avoid inhalation of dust from the spilled material. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Use personal protection recommended in Section 8. Keep unnecessary personnel away.  Minimize dust generation. Sweep up or gather material and place in an appropriate container for disposal. Utilize wet methods, if appropriate, to minimize dust. For waste disposal, see section 13 of the SDS.
-------------------------------------	---

---

**SECTION 7: HANDLING AND STORAGE**

---

<b>HANDLING AND STORAGE:</b>	Provide appropriate exhaust ventilation at places where dust is formed. Minimize dust generation and accumulation. Do not breathe dust. Do not get this material in contact with eyes. Do not taste or swallow. Avoid prolonged exposure. Observe good industrial hygiene practices. Use only in well-ventilated areas. Wear appropriate NIOSH/MSHA approved dust mask or filtering facepiece if dust is generated. Do not eat or drink while using the product. Wash hands before eating, drinking, or smoking.
<b>OTHER PRECAUTIONS:</b>	Store level and keep dry. Dewpoint or other conditions causing the presence of moisture can damage the product during storage. Store away from incompatible materials (see Section 10 of the SDS).

---

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

---

<b>ENGINEERING CONTROLS / VENTILATION:</b>	Score and snap method recommended. When using product, provide local and general exhaust ventilation to keep airborne dust concentrations below exposure limits. Use wet methods, if appropriate, to reduce the generation of dust. Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal
--	---

processing. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn.

**RESPIRATORY PROTECTION:**

A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2)..

**EYE PROTECTION:**

Safety glasses with side shields. A portable eyewash is recommended.

**SKIN PROTECTION:**

Work gloves.

**OTHER PROTECTIVE EQUIPMENT:**

Impervious protective clothing and gloves recommended to prevent drying or irritation of skin. Ensure compliance with OSHA's PPE standards (29 CFR 1910.132 (general) and 138 (hand protection)). Safety shower/eye wash fountain is recommended in the workplace area (29 CFR 1910.151 (c)). Impervious protective clothing and gloves recommended to prevent drying or irritation of skin. Safety shower/eye wash fountain is recommended in the workplace area.

**WORK HYGIENIC PRACTICES:**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Keep away from food and drink.

**EXPOSURE GUIDELINES:**

Not applicable.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Gypsum boards		
<b>FLASH POINT:</b>	Not applicable.	<b>LOWER EXPLOSIVE LIMIT:</b>	Not applicable.
<b>METHOD USED:</b>	Not applicable.	<b>UPPER EXPLOSIVE LIMIT:</b>	Not applicable.
<b>EVAPORATION RATE:</b>	Not applicable.	<b>BOILING POINT:</b>	Not applicable.
<b>pH (undiluted product):</b>	6-8	<b>MELTING POINT:</b>	No Data
<b>SOLUBILITY IN WATER:</b>	Insoluble.	<b>SPECIFIC GRAVITY:</b>	2.2 - 2.4.
<b>VAPOR DENSITY:</b>	Not applicable.	<b>PERCENT VOLATILE:</b>	Not applicable.
<b>VAPOR PRESSURE:</b>	Not applicable.	<b>MOLECULAR WEIGHT:</b>	Not applicable.
<b>VOC WITH WATER (LBS/GAL):</b>	Not applicable.	<b>WITHOUT WATER (LBS/GAL):</b>	Not applicable.

---

**SECTION 10: STABILITY AND REACTIVITY**

---

**THERMAL STABILITY:****STABLE** ☒**UNSTABLE** ☐**CONDITIONS TO AVOID (STABILITY):**

Contact with incompatible materials. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

**INCOMPATIBILITY (MATERIAL TO AVOID):**

Contact with strong acids produces carbon dioxide.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:**

May include and are not limited to: calcium oxide and sulfur dioxide.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

---

**SECTION 11: TOXICOLOGICAL INFORMATION**

---

**Skin corrosion/irritation:**

Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye:**

Dust in the eyes will cause irritation.

**Respiratory or skin sensitization:**

Not likely to cause respiratory sensitization.

**Skin sensitization:**

This product is not expected to cause skin sensitization.

**Germ cell mutagenicity:**

Not classified.

**Carcinogenicity:**

Not expected to be hazardous by OSHA/WHMIS criteria.

Exposure to respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by IARC and NTP as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling.

**Reproductive toxicity:**

Not classified.

**Specific target organ toxicity - single exposure:**

Not classified.

**Specific target organ toxicity - repeated exposure:**

Not classified.

**Aspiration hazard:**

Not classified.

**Chronic effects:**

Not hazardous under normal conditions of use.

---

**SECTION 12: ECOLOGICAL INFORMATION**

---

**ECOLOGICAL INFORMATION:**

Not considered to be harmful to aquatic life.

---

**SECTION 13: DISPOSAL CONSIDERATIONS**

---

**WASTE DISPOSAL METHOD:**

Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of contents/container in accordance with local/regional/national/international 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**

---

This product is not hazardous in the form in which it is sold and shipped by the manufacturer. However, the large amount of dusts generated by downstream activities such as cutting, sanding, or otherwise working with this product is considered hazardous and is regulated under the Hazard Communication Standard 29 CFR 1910.1200.

**U.S. FEDERAL REGULATIONS****TSCA:**

All components are listed on the TSCA inventory.

**CERCLA:**

Not applicable.

**CLEAN AIR ACT:**

Not regulated.

**SARA 311/312 Haz. Chemical**

Yes. Serious eye damage or eye irritation.

**CALIFORNIA PROPOSITION 65:**CONTINUOUS FILAMENT GLASS FIBER (CAS 65997-17-3)  
CRYSTALLINE SILICA (QUARTZ)\* (CAS 14808-60-7)

---

**SECTION 16: OTHER INFORMATION**

---

**HMIS Rating:**Health: 1  
Flammability: 0  
Physical hazard: 0**NFPA Rating:**Health: 1  
Flammability: 0  
Instability: 0**ADDITIONAL COMMENTS:**

None.

**DATE OF PREVIOUS SDS:**

New SDS.

**CHANGES SINCE PREVIOUS SDS:**

None.

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.