



**GAF**  
**Safety Data Sheet**  
**SDS # 2109**  
**SDS Date: March 2020**

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**SECTION 1: PRODUCT AND COMPANY INFORMATION**

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**PRODUCT NAME:** TruSlate™ Field Slates, TruSlate™ Trim Slates

**TRADE NAME:** TruSlate™

**MANUFACTURER:** GAF

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

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

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

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**SECTION 2: HAZARDS IDENTIFICATION**

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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:** Inhalation (occasional nuisance dust) – no exposure expected when handling under normal conditions. Dust exposure is possible when mechanical manipulation (sawing, cutting, etc.).

**SIGNS & SYMPTOMS OF EXPOSURE**

**EYES:** May cause mechanical irritation to the eyes.

**SKIN:** May cause mechanical irritation to the skin. Product can have sharp edges which may cause abrasions 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:** See above.

**CHRONIC HEALTH HAZARDS:** Long term exposure to silica can lead to significant health effects. Crystalline silica has been classified as a human carcinogen. Additionally, crystalline silica exposure can cause silicosis, which can be disabling or even fatal. Respirable silica dust can cause the formation of scar tissue which affects the lungs' ability to take in oxygen. A person with silicosis is more susceptible to lung infections like tuberculosis. Smoking adds to the damage caused by breathing silica dust.

**CARCINOGENICITY:** The International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP) have determined that there is sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite. In addition, IARC has determined that there is sufficient evidence for the carcinogenicity of quartz and cristobalite in experimental animals. Among individuals with silicosis, lung cancer occurs more frequently in those who smoke.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME *	CAS #	% (BY WT)	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Silicon Dioxide (crystalline silica) *	14808-60-7	40 – 60	50 ug/m3	0.025 mg/m3 – resp.	REL: 0.05 mg/m3 – resp.
Aluminum Oxide	1344-28-1	15 – 25	5 mg/m3 – resp. 15 mg/m3 – total	1 mg/m3 – resp.	REL: 1.5 mg/m3 – resp.
Iron Oxide	1309-37-1	5 – 10	10 mg/m3 – fume	5 mg/m3 – resp.	REL: 5 mg/m3
Potassium Oxide	12136-45-7	2 – 10	NE	NE	NE
Magnesium Oxide	1309-48-4	2 – 10	15 mg/m3 – total	10 mg/m3	NE
Calcium Carbonate	1317-65-3	1 – 5	5 mg/m3 – resp. 15 mg/m3 – total	3 mg/m3 – resp. 10 mg/m3 – total	REL: 5 mg/m3 – resp., 10 mg/m3 – total
Sodium Oxide	1313-59-3	1 – 5	NE	NE	NE
Calcium Oxide	1305-78-8	1 – 5	5 mg/m3	2 mg/m3	REL: 2 mg/m3

**NE = Not Established**

\* This composition of silicon dioxide (SiO<sub>2</sub>) may be up to 100% crystalline silica.

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**SECTION 4: FIRST AID MEASURES**

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**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.

**INHALATION:** Remove to fresh uncontaminated air.

**INGESTION:** Not expected to be ingested.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** No information available

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**SECTION 5: FIRE FIGHTING PROCEDURES**

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**SUITABLE EXTINGUISHING MEDIA:** Water spray, Alcohol foam, Carbon Dioxide, or Dry chemical.

**HAZARDOUS COMBUSTION PRODUCTS:** The slate shingle itself does not burn. If involved in a fire, carbon dioxide and carbon monoxide may be released.

**RECOMMENDED FIRE FIGHTING PROCEDURES:** None.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** None.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**ACCIDENTAL RELEASE MEASURES:** Pick up or sweep up large pieces. Avoid creating dust during clean up.

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**SECTION 7: HANDLING AND STORAGE**

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**HANDLING AND STORAGE:** No specific handling or storage requirements.

**OTHER PRECAUTIONS:** None

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

**ENGINEERING CONTROLS / VENTILATION:** Not applicable.

**RESPIRATORY PROTECTION:** Respiratory protection may be needed when mechanically manipulating this product (sawing, cutting, etc.). If respiratory protection is selected, a NIOSH-approved dust mask or respirator should be worn. Selection and use of specific respirators should meet applicable standards set by state and Federal OSHA standards for respiratory protection.

**EYE PROTECTION:** Safety glasses with side shields.

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

**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:** Not applicable.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE &amp; ODOR:</b>	Various colored slate shingles; no appreciable odor.		
<b>FLASH POINT:</b>	No data	<b>LOWER EXPLOSIVE LIMIT:</b>	No data
<b>METHOD USED:</b>	No data	<b>UPPER EXPLOSIVE LIMIT:</b>	No data
<b>EVAPORATION RATE:</b>	Not applicable	<b>BOILING POINT:</b>	> 4000 °F
<b>pH (undiluted product):</b>	No data	<b>MELTING POINT:</b>	> 3000 °F
<b>SOLUBILITY IN WATER:</b>	Insoluble	<b>SPECIFIC GRAVITY:</b>	2.65
<b>VAPOR DENSITY:</b>	Not applicable	<b>PERCENT VOLATILE:</b>	0
<b>VAPOR PRESSURE:</b>	Not applicable	<b>MOLECULAR WEIGHT:</b>	No data
<b>VOC WITH WATER (LBS/GAL):</b>	0	<b>WITHOUT WATER (LBS/GAL):</b>	0

**SECTION 10: STABILITY AND REACTIVITY**

**THERMAL STABILITY:** STABLE  UNSTABLE

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<b>CONDITIONS TO AVOID (STABILITY):</b>	None known.
<b>INCOMPATIBILITY (MATERIAL TO AVOID):</b>	Hydrofluoric acid (HF) – HF can dissolve silica to produce silicon tetrafluoride which is a corrosive gas.
<b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b>	None known.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**TOXICOLOGICAL INFORMATION:** No information available.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**ECOLOGICAL INFORMATION:** No information available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**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.

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**SECTION 14: TRANSPORTATION INFORMATION**

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**DOT (US)**  
Not regulated.

**IMDG**  
Not regulated.

**IATA**  
Not regulated.

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**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:** This product can expose you to chemicals including silica which is 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	Yes	Yes	Yes	Yes	Yes	Yes
Aluminum Oxide	1344-28-1	Yes	Yes	Yes	Yes	Yes	Yes
Iron Oxide	1309-37-1	No	No	Yes	Yes	Yes	Yes
Potassium Oxide	12136-45-7	No	No	No	Yes	No	No
Magnesium Oxide	1309-48-4	Yes	Yes	Yes	Yes	Yes	Yes
Calcium Carbonate	1317-65-3	No	Yes	Yes	No	Yes	Yes
Sodium Oxide	1313-59-3	No	No	No	Yes	No	No
Calcium Oxide	1305-78-8	Yes	No	Yes	Yes	Yes	Yes

**SECTION 16: OTHER INFORMATION**

**ADDITIONAL COMMENTS:** None

**DATE OF PREVIOUS SDS:** December 2014.

**CHANGES SINCE PREVIOUS SDS:** Section 15 updates.

**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.**