

Date Prepared: 07/19/2022

Supersedes Date: 12/15/2018 Version 1.1

### SECTION 1: IDENTIFICATION

#### 1.1 PRODUCT IDENTIFIER

**Product Names:** Unified Steel Stone-Coated Steel Roofing Panels and Accessories

#### 1.1 INTENDED USE OF THE PRODUCT BUILDING MATERIALS

 Building Material (roofing)

#### 1.2 NAME, ADDRESS AND TELEPHONE NUMBER OF THE RESPONSIBLE PARTY

WESTLAKE ROYAL ROOFING LLC

2801 Post Oak, Suite 600, Houston, Texas 77056 | Ph:1-855-769-2585

#### 1.3 EMERGENCY TELEPHONE NUMBER: 1-800-822-7529

### SECTION 2: HAZARD (S) IDENTIFICATION

#### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE (GHS-US)

This product is an article as defined in the OSHA Hazard Communication Standard [29 CFR 1910.1200(c)] and is exempt from regulatory requirements when handled as a manufactured item. This SDS contains additional health hazard information related to dust generation during installation.

#### 2.1 HAZARD CLASSIFICATION (GHS-US)

Skin Irritation 2

Eye Irritation 2 B

#### 2.2 LABEL ELEMENTS (GHS-US)

**Hazard Pictograms:**



**Signal Word:**

- Warning

**Hazard Statements:**

- Product causes skin irritation upon handling (H315)
- Dust causes eye irritation (H320)

**Precautionary and Response Statements:**

- Do not handle until all safety precautions have been read and understood (P202)
- Wear protective gloves and eye protection (P280)
- IF DUST OR PARTICLES IN EYES: Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing until pain or irritation subsides. (P305) (P351) (P338)
- If symptoms persist: Get medical advice/attention (P308) (P313)

#### 2.3 OTHER HAZARDS

Welding or other application of high temperature to this product or cutting with power saws may result in other hazards. (See installation instructions.)

#### 2.4 CALIFORNIA PROPOSITION 65: **WARNING:** Cancer and Reproductive Harm — [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 DESCRIPTION OF PRODUCT** Steel panel with acrylic polymer simulated stone finish coating. (All colors.)

### 3.2 PRODUCT INGREDIENTS AND HAZARD CLASSIFICATION

Classification based on solid product mixture form.

Ingredient	Product Identifier (CAS No.)	% (w/w)	Classification (GHS-US)
Iron (steel alloy) mixture	251-096-4	> 90	<ul style="list-style-type: none"> <li>• Skin Irritation 2, H315</li> <li>• Eye Irritation 2B, H320</li> </ul>
Dacite	Mixture	1 – 2%	<ul style="list-style-type: none"> <li>• Not classified</li> </ul>
Quartz (component of Dacite)	14808-60-7	> 1%	<ul style="list-style-type: none"> <li>• Carcinogenicity 1A, H350</li> <li>• STOT-RE (Repeated Exposure) 2 (Respiratory), H373</li> </ul>
Acrylic polymer	Not Established	< 5	<ul style="list-style-type: none"> <li>• Not classified</li> </ul>
Calcium carbonate	1317-65-3	< 4	<ul style="list-style-type: none"> <li>• Not classified</li> </ul>
Kaolin	1332-58-7	< 1	<ul style="list-style-type: none"> <li>• Not classified</li> </ul>
Sodium silicate	1334-09-8	< 1	<ul style="list-style-type: none"> <li>• Skin Irritation 2, H315</li> <li>• Eye Irritation 2B, H320</li> </ul>

**Note:** This product contains additional not classified substances at low concentrations that do not contribute to the hazards of this product.

## SECTION 4: FIRST AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES

**General:** Never give anything by mouth to an unconscious person. Any person who is experiencing symptoms of injury or illness should be moved to a comfortable area with fresh air, and the label or SDS for this product reviewed.

**Inhalation:** If symptoms of dust exposure (respiratory irritation) occur, move the person to fresh air. Provide drinking water, if conscious, to flush mouth and irrigate upper respiratory tract. Seek medical attention for discomfort or if coughing or other symptoms do not subside.

**Eye Contact:** If injury is due to a projectile, seek immediate medical attention. If the person's symptom is eye irritation due to dust exposure, careful flushing with clean water should continue for at least 15 minutes. If contact lenses are present, they should be removed after flushing. Flushing should continue until irritation subsides. Medical attention should be obtained if irritation persists.

**Skin:** Injuries to skin due to abrasion, laceration, or crushing should be treated by flushing with clean water, followed by first aid (application of disinfectant and bandage). If the injury is more extensive or irritation and pain persists, medical attention should be sought.

### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS—BOTH ACUTE AND DELAYED

**General:** Product, when installed according to recommendations does not cause significant exposure to hazardous substances.

**Inhalation:** Dust generated from power tool cutting or grinding may cause respiratory irritation and exposure to respirable crystalline silica, and application of high temperature may release harmful fumes and smoke.

**Eye Contact:** Other than abrasion and irritation, eye contact does not cause delayed or chronic symptoms.

**Skin Contact:** Other than abrasion and irritation, skin contact should not cause delayed or chronic symptoms.

### 4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT

If symptoms of exposure continue after first aid treatment, medical attention should be obtained.

## SECTION 5: FIRE-FIGHTING MEASURES

- 5.1 EXTINGUISHING MEDIA Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire. Finished product is not combustible.
- 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**
- Fire Hazard:** Not combustible.
- Explosion Hazard:** Product is not explosive.
- Reactivity:** Hazardous reactions are not expected to occur under normal conditions.
- 5.3 ADVICE FOR FIRE FIGHTERS**  
Not applicable.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES**
- General Measures:** Do not breathe dust. Do not get in eyes, on skin, or on clothing.
- 6.1.1. FOR NON-EMERGENCY PERSONNEL**
- Protective Equipment:** Use appropriate personal protective equipment (PPE) to prevent physical injuries.
- Emergency Procedures:** Not applicable.
- 6.1.2. FOR EMERGENCY PERSONNEL**
- Protective Equipment:** Equip clean-up crew with proper protection.
- Emergency Procedures:** Not applicable.
- 6.2 ENVIRONMENTAL PRECAUTIONS**  
Reuse product as appropriate to avoid disposal.
- 6.3 METHOD AND MATERIAL FOR CONTAINMENT AND CLEAN-UP**
- Containment:** Contain and collect as any solid. Avoid actions that cause dust to become airborne. Do not breathe dust, and do not allow large quantities of dust to contact skin.
- 6.4 REFERENCE TO OTHER SECTIONS** See Section 8.
- Exposure Controls and Personal Protection.** For further information, refer to Section 13.

## SECTION 7: HANDLING AND STORAGE

- 7.1 PRECAUTIONS FOR SAFE HANDLING**
- Additional Hazards when Processed:** Cutting, crushing, or grinding crystalline silica-bearing materials will release respirable crystalline silica. Use all appropriate measures of dust control or suppression and Personal Protective Equipment (PPE) described in Section 8.
- Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking, and again when leaving work.
- 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**  
Not applicable.
- 7.3 SPECIFIC END-USE(S)** No applicable limits.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 EXPOSURE LIMITS

The following exposure limits are based on a time-weighted full-shift exposure, unless otherwise noted.

Ingredient	OSHA PEL <sup>(1)</sup>	ACGIH-TLV <sup>(2)</sup>	Other <sup>(3)</sup>
Iron (steel alloy mixture)	10 mg/m <sup>3</sup> (as fume)	5 mg/m <sup>3</sup> (as fume)	5 mg/m <sup>3</sup> (as fume)
Calcium carbonate	15 mg/m <sup>3</sup> (total)	10 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)
Kaolin	15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)	2 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (respirable)
Sodium silicate	Not Established	Not Established	Not Established
Acrylic polymer	Not Established	Not Established	Not Established
Dacite	15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)	2 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (respirable)
Quartz (crystalline silica) <sup>(4)</sup>	0.05 mg/m <sup>3</sup> (respirable)	0.025 mg/m <sup>3</sup> (respirable)	0.05 mg/m <sup>3</sup> (respirable)

*f<sub>n</sub>*<sup>(1)</sup> OSHA PEL (Permissible Exposure Levels at 29 CFR1910.1000)

*f<sub>n</sub>*<sup>(2)</sup> ACGIH-TLV (American Conference of Governmental Industrial Hygienists-Threshold Limit Values 2018)

*f<sub>n</sub>*<sup>(3)</sup> NIOSH REL (National Institute for Occupational Safety & Health Recommended Exposure Limit)

*f<sub>n</sub>*<sup>(4)</sup> Crystalline silica is encapsulated in a non-releasable matrix but may be released upon cutting or grinding. See OSHA Respirable Crystalline Silica Standards [29 CFR §§ 1910.1053 and 1926.1153], if applicable.

### 8.2 EXPOSURE CONTROLS

**Hand Tool Equipment Recommended:** This product is designed to be installed with hand tools, drills and manual guillotine-style cutters. Grinding or other power tool use may require additional control measures (see below). Welding or other application of heat is not recommended.

**Appropriate Engineering Controls:** Power equipment should be equipped with wet dust suppression or dust collection devices if cutting/grinding/chipping product. Emergency eyewash equipment should be available in the immediate vicinity of any potential exposure. Use local exhaust or general dilution ventilation, or other suppression methods to maintain dust levels below exposure limits. Reference: OSHA Respirable Crystalline Silica Standard for Construction [29 CFR 1926.1153].

**Personal Protective Equipment:** Protective goggles or safety glasses, and gloves. Wear respiratory protection if dust is present if cutting or grinding product or applying heat.



**Hand Protection:** Protective gloves as appropriate to prevent abrasion and hand injuries.

**Eye and/or Face Protection:** Approved safety glasses, goggles, and/or face-shield.

**Skin and Body Protection:** Appropriate work clothing and footwear should be worn.

**Respiratory Protection:** Not necessary under normal installation practices. If power tools are used and exposure limit exceedances are expected, irritation is experienced, or sensitive individual is exposed, approved respiratory protection should be worn in accordance with the OSHA Respiratory Protection Standard [29 CFR 1910.134].

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Solid.

**Appearance:** Solid. Panels come in a wide range of colors.

**Odor:** Essentially odorless.

**Odor Threshold:** No data.

**pH:** Not applicable. **Evaporation Rate:** Not applicable.

**Melting Point:** No data.

**Freezing Point:** Not applicable.

**Boiling Point:** Not applicable.

**Flash point:** Not applicable.

**Auto-Ignition Temperature:** Not applicable.

**Decomposition Temperature:** Not applicable.

**Flammability** (solid, gas): Not applicable.

**Lower Flammable Limit:** No data.

**Upper Flammable Limit:** No data.

**Vapor Pressure:** No data.

**Relative Vapor Density at 20°C:** No data.

**Relative Density:** 60 pounds/cubic foot.

**Specific Gravity:** No data.

**Solubility:** Insoluble

**Partition Coefficient—N-Octanol/Water:** Not applicable.

**Viscosity:** Not applicable.

**Explosion Data—Sensitivity to Mechanical Impact:** Not applicable.

**Explosion Data—Sensitivity to Static Discharge:** Not applicable.

## SECTION 10: STABILITY AND REACTIVITY

**10.1 REACTIVITY** Hazardous reactions are not expected to occur under normal conditions.

**10.2 CHEMICAL STABILITY** Stable.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS** Not applicable.

**10.4 CONDITIONS TO AVOID** Not applicable.

**10.5 INCOMPATIBLE MATERIALS** Not applicable.

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS** Not applicable.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 LIKELY ROUTES OF EXPOSURE

**Skin Contact:** Product is abrasive and may irritate unprotected skin.

**Eye Contact:** When product is shaped or cut, chips or dust may enter unprotected eyes and cause injury or irritation.

**Inhalation:** When product is shaped or cut, respirable dust may be generated that, when inhaled, can cause respiratory system irritation. Prolonged or repeated inhalation exposure may cause chronic illness.

**Ingestion:** Not expected to be an exposure route of concern.

### 11.2 SYMPTOMS RELATED TO PHYSICAL, CHEMICAL, AND TOXICOLOGICAL CHARACTERISTICS

**Immediate Effects:** Irritation of skin, eyes, and respiratory tract due to abrasion or dust inhalation will produce immediate discomfort, and first aid provided.

**Delayed and Chronic Effects:** Inhalation of dust on a prolonged or repeated basis may result in chronic lung disease or silicosis and may also result in lung cancer.

### 11.3 NUMERICAL MEASURES OF TOXICITY

The acute and chronic effects of exposure to this product's fumes/dust have not been quantified.

### 11.4 CARCINOGENICITY

This product contains crystalline silica, which may be released during cutting or grinding. For more information, consult installation instructions or the OSHA Respirable Crystalline Silica Standards. (See Section 8.) Crystalline silica has been determined to be carcinogenic by IARC and NTP, and is regulated by the OSHA Respirable Crystalline Silica Standard for Construction [29 CFR 1926.1153].

## SECTION 12: ECOLOGICAL INFORMATION

- 12.1 TOXICITY** No additional information available.  
**12.2 PERSISTENCE AND DEGRADABILITY** Not available.  
**12.3 BIO ACCUMULATIVE POTENTIAL** Not available.  
**12.4 MOBILITY IN SOIL** Not available.  
**12.5 OTHER ADVERSE EFFECTS** Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 WASTE TREATMENT METHODS

**Waste Disposal Recommendations:** Scrap material should be re-used or recycled. Waste is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) (40 CFR 261). Dispose of waste material in accordance with all local, regional, national, provincial, territorial, and international regulations.

## SECTION 14: TRANSPORT INFORMATION

- 14.1 IN ACCORDANCE WITH DOT** Not regulated for transport.  
**14.2 IN ACCORDANCE WITH IMDG** Not regulated for transport.  
**14.3 IN ACCORDANCE WITH IATA** Not regulated for transport.  
**14.4 IN ACCORDANCE WITH TDG** Not regulated for transport.

## SECTION 15: REGULATORY INFORMATION

### 15.1 U.S. FEDERAL REGULATIONS

#### Panel

#### SARA Section 311/312 Hazard Classes (40 CFR 370)

Product is an exempt article [40 CFR 370.13(b)], but if reporting is required by local agency: skin irritation, eye irritation, specific target organ toxicity (single or repeated exposure).

#### SARA Section 313 Emission Reporting (40 CFR 372)

This product may contain constituents listed under SARA (Title III) Section 313, but not in amounts requiring supplier notification.

#### TSCA Inventory (40 CFR 720)

All constituents are included on the Toxic Substances Control Act Chemical Inventory or exempt from listing).

### 15.2 U.S. STATE REGULATIONS

#### State Right-to-Know Laws

This product, as an article, is exempt from hazardous substance inventory reporting under the Massachusetts, New Jersey, and Pennsylvania right-to-know laws.

**California Proposition 65—Warning Required** Refer to Section 2.4.

### 15.3 CANADIAN REGULATIONS

#### DSL

All ingredients are listed or exempt from inclusion on the Canadian Domestic Substances List (DSL).

#### WHMIS

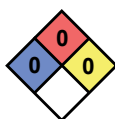
Not listed: This product has been classified in accordance with the hazard criteria of the CPR, and the SDS contains all the information required by the CPR.

### 15.4 OTHER: HMIS AND NFPA

HMIS:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	
	

NFPA:



**SECTION 16: OTHER INFORMATION****Party Responsible for Preparation of this Document**

Westlake Royal Roofing LLC  
1-855-769-2585 | (949) 585-8200

**Limitations**

The information and recommendations set forth herein are based on data we have in our possession, and we have reason to believe is accurate. It is, however, the user's responsibility to determine the safety, toxicity, or suitability for his/her own use of the herein described product. Because the actions by others is beyond our control, Westlake Royal Roofing LLC makes no warranty expressed or implied regarding accuracy of the data or the results to be obtained from the use thereof.