



# SAFETY DATA SHEET (SDS)

## SECTION 1: PRODUCT + COMPANY IDENTIFICATION

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Manufacturer	Aleris, LLC
Products	Six3Tile™
Address	119 Grave Avenue, Suite B   Lancaster, SC 29720
Information Phone Number	843.410.9754
Email	info@six3tile.com
Website	www.six3tile.com
Emergency Phone Number	843.410.9754
Recommended use	Designer Tile Wall Panels for Vertical Wall Surfaces

## SECTION 2: HAZARDS IDENTIFICATION

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### Route(s) of Entry

Skin	Dust and Chip Form – Irritation Hazard
Eyes	Dust and Chip Form – Irritation Hazard
Inhalation	Dust and Chip Form – Irritation Hazard
Ingestion	No Known Hazard

### Health Hazards (Acute and Chronic)

Skin	None
Eyes	Dust and Chip Form
Inhalation	Dust and Chip Form
Ingestion	Dust and Chip Form

### Carcinogenicity

No Known Toxicity Effects (Skin, Eyes, Inhalation, Ingestion)

### Signs and Symptom of Exposure

Skin	None
Eyes	Irritation
Inhalation	Coughing
Ingestion	None

### Medical Conditions Generally Aggravated by Exposure

Asthma: Inhalation Exposure of Dust Form and Combustion Products – Avoid Inhalation

### Other Hazards:

This product is formed to sheets, fully polymerized and contains no leftover monomers. The materials listed in section 3 are bound within the crystalline structure of the PVC sheet and are not available for exposure under normal conditions of use or foreseeable emergency. If heated to extreme temperatures or in case of fire, product may release harmful vapors or fumes. Cutting, sawing, grinding, or other operations that generate dust may raise nuisance particles that can cause mechanical irritation to the skin, eyes, or respiratory tract and may be harmful. Take necessary measures to limit dust production, and follow applicable regulations.

## SECTION 3: COMPOSITION | INFORMATION ON INGREDIENTS

INGREDIENTS NAME	CAS NUMBER	%	GHS-US CLASSIFICATION
Polyvinyl Chloride	9002-86-2	82.80	Comb. Dust
Limestone	1317-65-3	10.14	Not Classified
Titanium Dioxide	13463-67-7	3.06	Carc. 2, H351
Paraffin waxes and Hydrocarbon waxes	8002-74-2	.76	Comb. Dust
Polyurethane	Proprietary	1.81	Not Classified

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First-aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**First-aid Measures Inhalation:** Using proper respiratory protection, move the exposed person to fresh air at once. Encourage exposed person to cough, spit out, and blow nose to remove dust. Immediately call a poison center, physician, or emergency medical service.

**First-aid Measures After Eye Contact:** Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**Symptoms/Injuries:** Not expected to present a significant hazard under anticipated conditions of normal use. Dust may cause mechanical irritation to eyes, nose, throat, and lungs. Final product may have sharp edges. Risk of thermal burns on contact with molten product.

**Symptoms/Injuries After Inhalation:** Dust may be harmful or cause irritation. For particulates and dust: May cause an allergic reaction in sensitive individuals.

**Symptoms/Injuries After Eye Contact:** May cause slight irritation to eyes.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** None known.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE FIGHTING MEASURES

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### **5.1. Extinguishing Media:**

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire. Water spray, fog (flooding amounts).

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### **5.2. Special Fire Fighting Procedure:**

**Fire Hazard:** Not considered flammable but will burn at high temperatures.

**Explosion Hazard:** The following applies to the product if it is cut, sanded or altered in such a way that excessive and/or significant particulates and/or dusts may be generated: Dust explosion hazard in air.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### **5.3. Firefighting Measures**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Do not breathe fumes from fires or vapors from decomposition.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### **6.1. Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Avoid generating dust. Avoid breathing dust. For particulates and dust: Avoid prolonged contact with eyes, skin and clothing. Remove ignition sources. Keep away from sparks, open flames, and other ignition sources. No smoking.

#### **6.1.1. For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE). **Emergency Procedures:** Evacuate unnecessary personnel.

#### **6.1.2. For Emergency Responders**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### **6.2. Environmental Precautions**

Prevent entry to sewers and public waters.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### **6.3. Methods and Materials for Containment and Cleaning Up**

**For Containment:** Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Avoid generation of dust during clean-up of spills.

**Methods for Cleaning Up:** In solid form: Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. For particulates and dust: Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use explosion proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Use only non-sparking tools. Contact competent authorities after a spill.

### **6.4. Reference to Other Sections**

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING + STORAGE

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### **7.1. Precautions for Safe Handling**

**Additional Hazards When Processed:** Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.

**Other information:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust. Avoid creating or spreading dust. Keep away from sparks, open flames, hot surfaces. – No smoking.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### **7.2. Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Comply with applicable regulations. Avoid creating or spreading dust. Use explosion-proof electrical, ventilating, lighting equipment. Proper grounding procedures to avoid static electricity should be followed.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Products:** Strong acids, strong bases, strong oxidizers. Halogens. Fluorine.

### **7.3. Specific End Use(s) No additional information available**

## SECTION 8: EXPOSURE CONTROL | PERSONAL PROTECTION

Skin	Protective Gloves and Clothing
Eye Protection	Safety Glasses or Goggles
Respiratory Protection	NIOSH dust mask if nuisance dust causes irritation
Ventilation	General under Standard Conditions. Local Exhaust is recommended in High Dust Formation Areas
Other Protective Clothing or Equipment	None
Work/Hygienic Practices	General Clean-up After Exposure. Score and snap generates less dust than sawing, which minimizes nuisance dust

INGREDIENTS NAME	CAS NUMBER	ACGIH-TWA	ACGIH CHEMICAL CATEGORY
Polyvinyl Chloride	9002-86-2	1 mg/m <sup>3</sup> (respirable fraction)	Not classified as a Human Carcinogen
Limestone	1317-65-3	10 mg/m <sup>3</sup> (respirable dust)	5 mg/m <sup>3</sup> (Nuisance Dust)
Titanium Dioxide	13463-67-7	5 mg/m <sup>3</sup> (inhalable) 1 f/cc (respirable fibers)	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
Paraffin waxes and Hydrocarbon waxes	8002-74-2	Not Available	Not Available
Polyurethane	Proprietary	Not Available	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)

## SECTION 9: PHYSICAL + CHEMICAL PROPERTIES

Boiling Point	Solid
Vapor Pressure (mm Hg)	Solid
Vapor Density (AIR = 1)	Solid
Solubility in Water	Solid
Specific Gravity (H <sub>2</sub> O = 1)	0.95
Heat Deflection Temperature	Not Available
Evaporation Rate (Butyl Acetate = 1)	Solid
Appearance and Odor	Sheet

## SECTION 10: STABILITY + REACTIVITY

Stability	Stable (Non-reactive to known substances)
Conditions to Avoid: Incompatibility	No Known Conditions
Materials to Avoid: Hazardous Decomposition or Byproducts	No Known Substances, No Known Conditions
Hazardous Polymerization	No Known Conditions
Conditions to Avoid	No Known Conditions

## SECTION 11: TOXICOLOGICAL INFORMATION

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Not Applicable

## SECTION 12: ECOLOGICAL INFORMATION

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### **12.1. Toxicity**

Ecology - General: Not classified.

12.2. Persistence and Degradability: Not established.

12.3. Bio accumulative Potential: Not established.

12.4. Mobility in Soil: No additional information available

12.5. Other Adverse Effects: Other Information: Avoid release to the environment.

## SECTION 13: DISPOSABLE CONSIDERATIONS

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### **13.1. Waste Treatment Methods**

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Recycle the material as far as possible.

Ecology - Waste Materials: Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

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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

## SECTION 15: REGULATORY INFORMATION

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**California Prop. 65: WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## SECTION 16: OTHER INFORMATION

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This material is categorized as Non-Hazardous for transportation purposes. The information contained herein is accurate to the best of all available knowledge at the time of printing. Hazardous conditions due to alterations of the material have not been established.

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