



SAFETY DATA SHEET (SDS)

SECTION 1: PRODUCT and COMPANY IDENTIFICATION

Manufacturer: Aleris, LLC
Products: Six3 Tile™
Address: 119 Grace 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: Faux tile for vertical wall surfaces.

SECTION 2: HAZARDS IDENTIFICATION

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

Mixture

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 Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.

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.

4.1. 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 Skin Contact: Prolonged exposure may cause skin irritation.

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

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

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 heat, hot surfaces, 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.

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: Clean up spills immediately and dispose of waste safely. 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 and STORAGE

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 heat, 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 – Exposure Limits	CAS Number	ACGIH-TWA	ACGIH Chemical Category
Polyvinyl Chloride	9002-86-2	1 mg/m ³ (respirable fraction)	Not classified as a Human Carcinogen
Limestone	1317-65-3	10mg/m ³ (respirable dust)	5mg/m ³ (Nuisance Dust)
Titanium Dioxide	13463-67-7	5 mg/m ³ (inhalable) 1 f/cc (respirable fibers)	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
Paraffin waxes and Hydrocarbon waxes	8002-74-2	Not Available	Not Available
Polyurethane	Proprietary	Not Available	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

Boiling Point:	Solid
Vapor Pressure (mm Hg):	Solid
Vapor Density (AIR = 1):	Solid
Solubility in Water:	Solid
Specific Gravity (H2O = 1):	0.95
Melting Point (°F):	Blow torch applied for 30 minutes straight by local fire marshal with no significant side effects...also tested with flame temperatures of 1400 degrees Celsius
Heat Deflection Temperature:	Not Available
Evaporation Rate	
(Butyl Acetate = 1):	Solid
Appearance and Odor:	Sheet

SECTION 10: STABILITY and REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

Not Applicable

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

12.2. Persistence and Degradability: Not established.

12.3. Bioaccumulative 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: DISPOSAL CONSIDERATIONS

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

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

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

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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