



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: Ceramic tile substitute for vertical wall surfaces.

SECTION 2: HAZARDS IDENTIFICATION

Route(s) of Entry:

Skin: Fiberglass may cause itching irritation
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

SECTION 3: COMPOSITION | INFORMATION on INGREDIENTS

| Ingredients Name | CAS Number | % of Total Weight |
|-----------------------------|-------------|-------------------|
| Magnesium Oxide | 1309-48-4 | <50 |
| Magnesium Chloride | 7786-30-3 | <20 |
| Perlite | 130885-09-5 | <10 |
| Filler and Binding Material | Proprietary | <20 |
| Fiberglass Scrim | 65997-17-3 | <2 |
| Epoxy Polymer | | <3 |
| Calcium Carbonate | 1317-65-3 | <1 |
| Talc | 14807-96-6 | <1 |
| Titanium Dioxide | 13463-67-7 | <1 |
| Polyurethane | Proprietary | <2 |

SECTION 4: FIRST AID MEASURES

Emergency and First Aid Procedures:

| | |
|--------------------|--|
| Skin: | Wash with soap and water. |
| Eyes: | Immediately flush with water. Contact physician if irritation persists. |
| Inhalation: | Remove to fresh air. |
| Ingestion: | Seek professional medical advice. Do Not Induce Vomiting. |

SECTION 5: FIRE FIGHTING MEASURES

| | |
|--|--|
| Flash Point: | Solid – Not Applicable |
| Flammable Limits: | Solid – Not Applicable |
| LEL: | Solid – Not Applicable |
| UEL: | Solid – Not Applicable |
| Extinguishing Media: | None, E84 5/20 Rated; does not burn |
| Special Fire Fighting Procedure: | Local surfaces may be cooled with water. |
| Unusual Fire and Explosion Hazards: | NONE |

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken in Case Material is Released or Spilled: No environmental concerns with release and disposal. Dust and Chips can be swept, scooped, or vacuumed and removed. Sheets shall be collected and removed.

Waste Disposal Method: Follow Local, State and Federal Regulations for nonhazardous refuse waste.

Precautions to be taken in Handling and Storing: Protective Gloves to prevent skin irritations; careful not to touch eyes during handling of material.

Other Precautions: None

SECTION 7: HANDLING and STORAGE

Store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.

Materials should be stored on level supports off the ground to prevent sagging. Cover loosely with waterproof material to prevent condensation from forming while protecting against weather, direct sunlight, surface contamination, and construction traffic.

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 | OSHA-PEL | ACGIH-TLV |
|-------------------------------|-------------|--|---|
| Magnesium Oxide | 1309-48-4 | 15 mg/m ³ (Nuisance Particulate) | 10 mg/m ³ (Nuisance Particulate) |
| Perlite | 130885-09-5 | 5mg/m ³ (Nuisance Dust) | 10mg/m ³ (Total Nuisance Dust) |
| Fiberglass Scrim | 65997-17-3 | 15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction) | 5 mg/m ³ (inhalable) 1 f/cc (respirable fibers) |

| | | | |
|-------------------|------------|--|------------------------------|
| Epoxy Polymer | 55818-57-0 | Not Available | Not Available |
| Calcium Carbonate | 1317-65-3 | 15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction) | |
| Titanium Dioxide | 13463-67-7 | 10 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction) | 10 mg/m ³ as dust |

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

Not Applicable

SECTION 13: DISPOSAL CONSIDERATIONS

Not Applicable

SECTION 14: TRANSPORT INFORMATION

Not Applicable

SECTION 15: REGULATORY INFORMATION

Not Applicable

SECTION 16: OTHER INFORMATION

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