

SAFETY DATA SHEET

Issue Date: 08/15/19

Revision Date: 08/15/19

Revision Number USA 3

1. IDENTIFICATION

Product Identifier: RHINO TILE® FR
Product Description: Interlocking PVC Tiles Flame Retardant

Manufacturer

Protec International Ltd, Construction House, Adlington Industrial Estate, Adlington, Cheshire SK10 4NL UK

Distributor

Entry Point International LLC, 187 Ballardvale Street, Suite A190, Wilmington, MA 01887 USA

Phone: 866-664-3129

Emergency Phone: US Poison Center 800-222-1222

Recommended Use: Temporary protection of horizontal surfaces

2. HAZARDS IDENTIFICATION

Specific Hazards In its manufactured Form: Not expected to present a significant hazard under anticipated conditions of normal use

Thermal Decomposition: Generates Hydrochloric Acid Fumes

Symptoms Related to Use:

Inhalation: Under fire conditions, hazardous fumes will be present.
Health Hazard



Skin Contact: Skin contact with hot/molten material may cause skin irritation, redness and in extreme cases, blistering.

Additional Information the Environment: Product is Water insoluble

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Composition: Polyvinyl Chloride (C₂H₃Cl)_n
Other Name: PVC
Substance Contents: CAS No EC No Index No Classification
PVC polyvinyl chloride > 95 % 9002-86-2 -----
Dangerous Substances: N/A
Additional Information: None

4. FIRST AID MEASURES

Inhalation: Remove victim to fresh air. Assure fresh air breathing. Allow the victim to rest.
Skin Contact: In case of irritation, wash the skin with water
Eye Contact: Rinse with water, seek medical advice if any irritation persists.
Ingestion: Do not induce vomiting. Rinse mouth with water (only if the person is conscious)
Additional Information: None

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5. FIRE FIGHTING MEASURES

Auto ignition Temperature: 450°C / 842°F
Unsuitable Extinguishing: N/A
Suitable Extinguishing: Water spray. Foam. Dry powder. Carbon dioxide. Sand. Do not use a heavy water stream.
Special Procedure: Avoid (reject) fire-fighting water to enter environment
Special Fire Hazard: N/A
Specific Protective Measures: Do not enter fire area without proper protective equipment, including respiratory protection. Exercise caution when fighting any chemical fire.
Additional Information: Use water spray or fog for cooling exposed containers

6. ACCIDENTAL RELEASE MEASURES

Individual Protective Measures: Avoid contact with skin and eyes. Equip cleanup crew with proper protection.
Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
Cleaning Procedures: Pick up mechanically or by hand and dispose of per Section 13.
Additional Information: None

7. HANDLING AND STORAGE

Fire Hazard: Keep away from open flames and no smoking.
Storage: Keep away from heat sources, strong bases, strong acids and sources of ignition. Store indoors within recommended storage temperatures 10 °C to 35 °C / 50 °F to 95 °F. Keep out of direct sunlight. Store Flat.
Handling: When using, do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
Packaging to Avoid: N/A
Adequate Packaging: N/A
Additional Information: None

8. EXPOSURE CONTROLS/INDIVIDUAL PROTECTION

Technical Protection: Provide local exhaust or general room ventilation to minimize exposure to dust.
Individual Hygiene Measures: N/A
Exposure Limits: Copper: TLV -TWA [mg/m³]: 0.2 Fumes
Copper: TLV -TWA [mg/m³]: 1 Dust or mist
Copper: OEL (UK)-LTEL [mg/m³]: 0.2 Fumes
Copper: OEL (UK)-LTEL [mg/m³]: 1 Dust or mist
Copper: VLA-ED [mg/m³]: 0.2 Fumes
Copper: VLA-ED [mg/m³]: 1 Powder
Hand Protection: Gloves
Eyes Protection: Safety Glasses
Body and Skin Protection: N/A
Additional Information: In the case of fire, wear respiratory protective equipment independent of surrounding air and a chemical protective suit.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Color:	Multi-Color
Upper/lower Explosive Limits:	N/A
Odor:	Neutral
Vapor Pressure:	N/A
Odor Threshold:	N/A
Vapor Density:	N/A
pH:	N/A
Relative Density:	1.3 - 1.45
Melting Point:	100°C / 212°F
Freezing Point:	N/A
Solubility (water):	Insoluble
Boiling Point (1013hPa):	N/A
Flash Point:	N/A
Evaporation Rate:	N/A
Flammability (solid, Gas):	N/A
Partition Coefficient:	N/A
Auto Ignition Temperature:	450°C / 842°F
Decomposition Temperature:	N/A
Viscosity:	N/A
Additional Information:	None

10. STABILITY AND REACTIVITY

Stability:	Stable and unreactive at normal temperatures and pressures
Conditions to Avoid:	Overheating. Contact with: Open flame. Strong acids, bases. Oxidizing agent.
Materials to Avoid:	Chemically inert material, no special precautions required
Decomposition Products:	When heated to decomposition, emits dangerous fumes. Hydrochloric acid fumes. Carbon monoxide. Carbon dioxide.
Additional Information:	None

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	No Known Effect
Toxicity by Inhalation:	No Known Effect
Toxicity by Skin Contact:	No Known Effect
Toxicity by Eye Contact:	No Known Effect
Toxicity by Ingestion:	No Known Effect
Additional Information:	None

12. ECOLOGICAL INFORMATION

Biological Degradation:	No Significant Biodegradation
Bio-Accumulation:	Product is Water insoluble, must be removed mechanically from sewage plants.
Ecotoxicity:	N/A
Additional Information:	None

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13. DISPOSAL CONSIDERATION

Waste Treatment: Product is Recyclable
Packaging Treatment: N/A
Additional Information: None

14. TRANSPORT INFORMATION

UN Number: N/A
NMFC: 182600-1
HS Code: 3918.10.10.00
Transport Hazard Class: N/A
IMDG Classification, Sea: N/A
IATA Classification, Air: N/A

15. REGULATORY INFORMATION

EEC Number: N/A
Hazard Symbols: N/A
R Phrases: N/A
S Phrases: N/A
Additional Information: None

16. OTHER INFORMATION

None

Prepared By: Protec International Ltd, Entry Point International LLC
Revision Date: 08/15/19

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