

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT IDENTIFICATION

Product: PVC coated knitted polyester geogrid.

SECTION 2 COMPOSITION AND INGREDIENTS INFORMATION

COMPOSITION

Polyester Yarns
Polyvinyl Chloride
Minor Additives

SECTION 3 HAZARDOUS IDENTIFICATION

Health - 0 Fire - 1 Reactivity -0

(HMIS/NFPA Hazard Rating: Least - 0, Slight - 1, Moderate - 2, High - 3, Extreme - 4)

Health Hazards: Acute - Not applicable Chronic - Not applicable

SECTION 4 FIRST AID MEASURES

Eye Contact: Flush eyes with water if irritation occurs.
Skin Contact: Not ordinarily required.
Inhalation: Not ordinarily required.
Ingestion: Not ordinarily required.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point: Greater than 315 Deg. C (600 Deg. F)
Auto Ignition Temperature: Greater than 550 Deg. C (1022 Deg. F)
Fire and Explosion Hazard: Material will not burn unless preheated. Overheated or molten material may burn slowly with dense smoke. Avoid inhalation of vapors.
Extinguishing Media: Dry Chemical, CO₂, Foam, Water Fog

SECTION 6 EXPOSURE CONTROLS AND CHEMICAL PROTECTION

Eye Protection: Not normally required unless physical contact with eyes is likely, or if exposed to molten product.
Hand Protection: Not required unless exposed to heated or molten product.
Protective Clothing: None specified for normal use. Avoid contact with burning or molten product.
Engineering Controls: Not required for normal use.
Work & Hygiene Practices: None required for normal use.

SECTION 7 PHYSICAL AND CHEMICAL PROPERTIES

Physical Form	PVC
Color	Black
Odor	Essentially Odorless
PH	N/A
Melting Point	500 ⁰ F (260 ⁰ C)
Solubility in Water	Insoluble
Specific Gravity	
Vapor Density	N/A
Boiling Point	N/A
Water Retention	N/A

SECTION 8 ACCIDENTAL RELEASE MEASURES

Containment Techniques	Practice reasonable care and caution when handling product.
Clean up procedures	Practice reasonable care and caution during clean up and dispose of material in accordance with local regulations.
Other Emergency Advice	Avoid inhalation of vapors if material is burning. Store away from oxidizing materials.

SECTION 9 HANDLING AND STORAGE

Storage	Store away from oxidizing materials in a cool, dry place with adequate ventilation.
Handling	No special handling required when product is at room temperature. If product is molten avoid contact with eyes or skin.

SECTION 10 STABILITY AND REACTIVITY

Stability	Stable
Conditions to Avoid	N/A
Incompatibility	(Measures to Avoid) Strong oxidizing agents.
Hazardous Decomposition Products	(from burning, heating, or reaction to other materials) Carbon Dioxide, Carbon Monoxide
Hazardous Polarization	Will not occur.
Conditions to avoid	N/A