

MATERIAL SAFETY DATA SHEET

DO NOT USE THIS PRODUCT UNTIL YOU HAVE READ THIS INFORMATION

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Section 1: General Information

Trade Names and Synonyms: XT-Series Geogrid Products

Chemical Names and Family: Polyester woven fabric, with cured plastisol coating

Product Use:

HMIS Ratings: Health 1, Fire 1, Reactivity 0, PPE B (see section 6)

Section 2: Hazardous Ingredients/Identity Information

<u>Ingredient</u> (Chemical Name, CAS#, and Common Name)	<u>OSHA PEL or TWA</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
Polyester filament yarn (CAS# 25038-59-9)	Not applicable	Not applicable	50-60
Polyvinyl Chloride dispersion coating (Mixture)	Not applicable	Not applicable	40-50

No hazardous ingredients as defined by OSHA 29 CFR 1910.1200.

Section 3: Hazards Identification/Potential Effects

Threshold Limit Value: Not established

Effects of Overexposure: No known

Routes of Exposure:

Inhalation: Not likely under normal use
Skin contact: May cause irritation
Ingestion: Not likely under normal use
Eye Contact: May cause irritation

Section 4: First Aid Procedures

Eye Contact: Flush with plenty of water for 15 minutes. If irritation develops, get medical attention.

Skin Contact: Wash with soap and water.

Ingestion: N/A

Inhalation: Remove to fresh air for relief. If breathing difficulties develop or persist, get medical attention.

Section 5: Fire and Explosion Hazard Data

Flash Point (Method Used): Greater than 200°F

Flammable Limits: LEL: N/A UEL: N/A

Extinguishing Media: Water Fog Carbon Dioxide
 Regular Foam Dry Chemical Other

Special Fire Fighting Procedures: Firefighters and others who may be exposed to products of combustion should wear full protective clothing and self contained breathing apparatus.

Unusual Fire and Explosion Hazards: When forced to burn, protect from decomposition and combustion products that may include Carbon Monoxide and other toxic gases.

Section 6: Accidental Release Measures

Rolls may be heavy; use lifting devices for moving. No environmental threat is expected from release.

Section 7: Handling and Storage

Storage: Store away from oxidizing materials, in cool dry area. Avoid direct sunlight.

Handling: No special handling unless large rolls are used. Use lifting devices as necessary. If product is molten, avoid contact with skin or eyes.

Section 8: Exposure Controls/ Personal Protection

Ventilation Requirements: Not required for normal use

Personal Protective Equipment:

Eye Protection: Safety glasses

Skin Protection: Suitable gloves.

Respiratory Protection: Not required under normal use

Other Clothing and Equipment: Normal work clothing.

Section 9: Physical and Chemical

Boiling Point: N/A

Vapor Pressure (mm Hg.): N/A

Vapor Density (Air =1): > 1

Solubility in Water: Not soluble

VOC (g/l): < 60 g/l

Appearance and Odor: Woven black fabric wound on a cardboard core.

Specific Gravity (H₂O=1): 1.1 – 1.35

Evaporation Rate (Butyl Acetate=1): N/A

Melting Point: >300° F

% Volatile by Weight: < 4%

Section 10: Stability and Reactivity

Stability: Stable Unstable

Conditions to Avoid: Keep away from sparks or flame

Incompatibility (Materials to Avoid): NA

Hazardous Polymerization: ___ May Occur Will Not Occur

Hazardous Decomposition Products (Including Combustion Products): carbon dioxide, carbon monoxide, hydrocarbons, chlorine.

Section 11: Toxicological Information

Eye Effects: Not toxic

Skin Effects: Not toxic

Target Organs: None

Carcinogenicity: No

Mutagenitive and Reproductive Effects: Not considered to be a hazard

Section 12: Ecological Information

Environmental Data: Not expected to be hazardous to the environment in present form.

Section 13: Disposal Considerations

Disposal: Spent material should be recycled or disposed according to current regulations

RCRA Hazard Class: Does not contain RCRA regulated materials.

Section 14: Transport information

DOT Classification: Non-hazardous

Section 15: Regulatory Information

This product may contain ingredients in the coating additives in “De Minimus” quantities, which would be listed in SARA 311/313: Acute Health Hazard. “Reportable Quantities” are not expected to be reached with typical fabric inventories.

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