

MATERIAL SAFETY DATA SHEET

AlphaSorb® Designer Premium Acoustic Felt Ceiling Tiles

Features

Product Name: Plyfelt, Molded Polyester Fiber of various weights, widths, and lengths

Product Description: Needle punched PET (Polyethylene Terephthalate) fiber, compressed into semi-rigid products

Manufacturer's Name: Plyfelt, Molded Polyester Fiber of various weights, widths and lengths

Welformed, a Division of Genesis Products 2924 E.County Rd. 6
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Hazards Identification

No hazardous components have been used in the manufacture of this nonwoven fabric. Any trace components are significantly below threshold limit values.

Composition Information on Components

Composition: 100% PET (Polyethylene Terephthalate) both virgin and recycled staple fiber products with recycled content up to 50%. This product is normally a medium black or gray color in the blended state.

First Aid Measurements

- Eye Contact: Flush thoroughly with clean water
- Skin Contact: Wash thoroughly with soap and warm water. Monitor for irritation.
- Treat as thermal burn if contact with molten fabric

Unusual Fire and Explosion Hazards

Treat as a solid that can burn. Generally burns slowly with low smoke density and flaming drips. Can burn with high smoke density under certain conditions.

Primary Routes of Entry

- **Inhalation:** At room temperature (20-25C) there is no release of fumes from the fabric. However, during combustion or superheating of the fabric, the fabric can become an irritant due to formation of aldehydes.
- **Skin Contact:** No significant health hazards identified. Polymer dyes and/or spin finish may cause minor skin irritation
- **Ingestion:** No significant health hazards identified.

Fire Fighting Measures

- **Flash Point:** >600 degrees (F*)
- **Extinguishing:** Dry chemical, CO2, Foam, Water, Halon
- **Special Fire Fighting Procedures:**
 - Avoid inhalation of vapors
 - Use self-contained breathing apparatus when fire fighting in confined area

Accidental Release Measures

No hazards for accidental release have been determined

Handling & Storage

- Practice reasonable care and caution handling
- Waste disposal: place in appropriate disposal facility compliance with local regulations
- Storage: in cool, dry locations away from oxidizing materials

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Toxicological information

This product has not been determined to have any toxic effects on animals or humans. Eye and skin contact should be avoided as a generally-accepted good work practice.

Ecological information

This product is not to be considered biodegradable

Stability & Reactivity

Material is stable; hazardous polymerization will not occur

Physical & Chemical Properties

Boiling Point:	Not applicable
Vapor Pressure:	Not applicable
Specific Gravity:	1.35 – 1.38
Melting Point:	Bi-component 110C – 180C Stable
Vapor Density:	PET 250 – 260 degrees (C*)
Evaporation Rate:	Not Applicable
Solubility in Water:	Not Applicable

Disposal Considerations

This product should be disposed of using good manufacturing and environmental guidelines.

Transport Information

Product is not considered a high-risk transport item

Regulatory Information

None at the present

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