

## ALPHASORB<sup>®</sup> DESIGNER PREMIUM ACOUSTIC FELT CEILING TILES SAFETY DATA SHEET

### 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 Elkhart, IN 46514 (U.S.A) Emergency  
Phone: (574) 262-4054 Fax: (574) 262-4062

**Date Prepared:** January 4, 2018

### 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 (polyethyleneterephthalate) both virgin and recycled staple fiberproducts 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 ROUTS 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, CO<sub>2</sub>, Foam, Water, Halon
- **Special Fire Fighting Procedure:**
  - 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

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

