COMBIFAB

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TECHNICAL DATA SHEET

CF135 100% ACRYLIC FELT

Composition

Acrylonitrile - vinyl acetate copolymer	CAS #24980-62-9	%100

Hazards Identification

Appearance and Odor - Staple of various lengths and deniers and tow of various deniers, no odor.

NO SIGNIFICANT HAZARDS ASSOCIATED WITH THIS MATERIAL.

Potential Health Effects

Likely routes of exposure

Skin contact and inhalation.

Eye contact

This product is no more than slightly toxic and is essentially non-irritating based on its chemical and physical properties. Dust or fibres may cause irritation to the eye, as would any foreign material.

Inhalation

No information.

Ingestion

This product is no more than slightly toxic based on its chemical and physical properties. No significant adverse health effect expected to develop if only small amounts (less than a mouthful) are swallowed.

Fire Fighting Measure

Flash point

Combustible Solid.

Decomposition temperatures

280°C (536°F).

Extinguishing media

In case of fire, use water spray (fog), foam, dry chemical or CO^2.

Handling and storage

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin and clothing.

Storage

Store at temperatures less than 65°C (150°F).

Material to avoid

Avoid storage at temperatures above 65°C to retain colour.

Physical and Chemical Properties

Appearance

Staple of various lengths and deniers and tow of various deniers.

Density

1.17.

Decomposition point

280°C (536°F).

Solubility

Soluble in dimethyl formamide, dimethyl acetamide, aqueous zinc chloride, ethylene carbonate, con, nitric acid. Not soluble in alcohol, acetone, xylene.

Discolouration temperature

150°C (302°F).

Dry heat shrinkagew

5%, 257°C (495°F).

Note: Values are based on physical data on materials tested but may vary from sample to sample. Typical values should not be construed as guaranteed analysis of any specific lot or as specification for the product.