



SAFETY DATA SHEET

U.S. Department of Labor
Occupational Safety & Health Administration

Polafab

SECTION 1 - IDENTIFICATION

MANUFACTURER: Andek Corporation
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In an emergency, contact CHEMTREC 1-800- 424-9300;
Outside the United States call +1-703-527-3887
PRODUCT IDENTIFIER: Polafab
RECOMMENDED USE: Reinforcing Fabric

SECTION 2 – HAZARD IDENTIFICATION

HAZARD CLASSIFICATION (EFFECTS OF EXPOSURE):

Skin: Not classified as a dangerous substance.
Eyes: Not classified as a dangerous substance.
Inhalation: Not classified as a dangerous substance.
Ingestion: Not classified as a dangerous substance.

SIGNAL WORD: Not hazardous.

HAZARD STATEMENTS: Not hazardous.

PICTOGRAMS: Not necessary.

PRECAUTIONARY STATEMENTS: Not necessary.

SECTION 3 – COMPOSITION

CHEMICAL NAME	CAS #	APPROX %
Polyester Polymer	71394-31-5	100

SECTION 4 – FIRST AID MEASURES

No health problems are anticipated from exposure to this product under normal conditions.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing media:

- Water
- Water fog
- Foam
- Carbon dioxide
- Dry chemical

Special fire fighting procedures:

- Keep unnecessary personnel away.
- Wear self- contained breathing apparatus and protective suit.
- Molten polyester can cause severe burns to the skin.
- Those involved in flame evaluation of the product should avoid breathing any combustion fumes or gases.

Unusual fire & explosion hazards:

- No unusual hazards expected.
- Combustion of this product may produce hydrogen, oxygen, carbon, nitrogen and/or oxides of carbon and nitrogen.

Decomposition products: Decomposition products generated from molten polymer may be subject to auto ignition.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

No environmental hazards are associated with this product.

SECTION 7 – HANDLING & STORAGE

Precautions for safe handling:

- Adequate ventilation is recommended in the work area.
- Avoid breathing any dust that may evolve during processing
- Customary personal hygiene measures such as washing hands after working with fabrics are recommended.
- Individuals known to have allergic reactions when prolonged contact is made with certain fabrics should wear gloves when handling fabric to avoid direct skin contact.

Recommendations on the conditions for safe storage: Avoid all possible sources of ignition and other fire hazards.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: No special ventilation normally required.

Inhalation protection: No personal respiratory protective equipment normally required.

Eye protection: None required for normal use.

Skin and body protections: Not required.

Other hygienic practices and protective equipment: Wash hands with soap and water after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Woven Polyester Fabric

Physical state: Solid

Color: Off-White

Odor: None

Odor threshold: None

pH: Not applicable

Melting point/freezing point: 265°C (509°F)

Initial boiling point and boiling range: None

Flash point: None

Evaporation rate: None

Flammability (solid, gas): Combustible at high temperature

Upper/lower flammability or explosive limits: None established

Vapor pressure: None

Vapor density: None

Relative density: 1.35 kg/l

Solubility: Insoluble

Partition coefficient: n-octanol/water: None

Auto-ignition temperature: None established

Decomposition temperature: None established

Viscosity: Not applicable

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Stable

Chemical stability: No chemical instability.

Incompatibility (materials to avoid): None known.

Hazardous decomposition products: Combustion of this product may produce oxides of nitrogen and carbon.

Conditions to avoid: Combustion

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely routes of exposure:

Oral: None expected

Inhalation: None expected

Dermal: None expected

Effects from short and long term exposure: None of the components in this product are listed as a carcinogen by IARC, NTP, US OSHA or the European directive (67/548/EEC)

SECTION 12 – ECOLOGICAL INFORMATION

Data from toxicity test: No information is available.

Biodegradation: May slowly biodegrade on the surface.

Bioaccumulation potential: Not expected.

Mobility in soil: Not expected to be mobile.

Other adverse effects: None known.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with all state, local and federal regulation.

SECTION 14 – TRANSPORT INFORMATION

UN #	N/A
UN PROPER SHIPPING NAME:	Cloth N.O.I.
HAZARD CLASS:	N/A
PACKING GROUP:	N/A
ENVIRONMENTAL HAZARDS:	Not considered a marine pollutant
GUIDANCE ON TRANSPORT IN BULK:	N/A

Transport labels required: This material is not regulated by the D.O.T.

SECTION 15 – REGULATORY INFORMATION

This material is not a hazardous chemical as defined by the OSHA hazard communication standard, 29 CFR 1910.1200.

SECTION 16 – OTHER INFORMATION (HMIS RATING)

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	E

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