



## SAFETY DATA SHEET

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

### Polafab

#### SECTION 1 - IDENTIFICATION

MANUFACTURER: Andek Corporation  
ADDRESS: 850 Glen Avenue, Moorestown, NJ 08057  
TELEPHONE: 1-856-786-6900  
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

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>APPROX %</u>
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 products.

## **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 products 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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