



## Section 1 - Product and Company Identification

Material Name	- Firm Polyester Reinforcing Fabric
Chemical Category	- Article – SDS exempt
Product Code	- AP-482F
Product Use	- Roofing
Distributor	- APOC 4161 E. 7th Avenue Tampa, FL 33605 United States
Telephone	
Technical	- 813-248-2101
<u>Emergency</u>	- 800-424-9300
Last Revision Date	- 3/03/2016

## Section 2 - Hazards Identification

**Signal Word – None**

**GHS Hazards and Precautions**

*The mixture does not meet the criteria for classification.*

<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after handling.
<b>Storage/Disposal</b>	Store away from incompatible materials. Dispose of waste and residues in accordance with local authority requirements.

**GHS Hazard Symbol – Not Required**

Physical Form	- Solid
Color	- Multiple – Various White
Odor	- No Odor
Flash Point	- N/A
OSHA(HCS2012)	- Classification Not Required
WHMIS	- Classification Not Required
GHS	- Classification Not Required
Route Of Entry	- Inhalation, Skin, Eye, Ingestion/Oral
Medical Conditions Aggravated by Exposure	- Not Classified

### Potential Health Effects

#### Inhalation

- Acute (Immediate) - Expected to be a low ingestion hazard.
- Chronic (Delayed) - Not Classified

#### Skin

- Acute (Immediate) - No adverse effects due to skin contact are expected.
- Chronic (Delayed) - This product is not expected to cause skin sensitization.

#### Eye

- Acute (Immediate)** - Direct contact with eyes may cause temporary irritation.
- Chronic (Delayed)** - Not Classified
- Ingestion**
- Acute (Immediate)** - Not Classified
- Chronic (Delayed)** - No data available
- Carcinogenic Effects** - This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

### Section 3 - Composition/Information on Ingredients

Components						
Chemical Name	CAS	%(wt)	UN;EINECS	LD50/LC50	Classifications According to Regulation/Directive	Other
Polyester	N/A	100%				NDA

See Section 11 for Toxicological Information.

### Section 4 - First Aid Measures

- Inhalation** - Move to fresh air. Call a physician if symptoms develop or persist.
- Skin** - Wash off with soap and water. Get medical attention if irritation develops and persists.
- Eye** - Rinse with water. Get medical attention if irritation develops and persists.
- Ingestion** - Rinse mouth. Get medical attention if symptoms occur.
- Other Information** - Direct contact with eyes may cause temporary irritation. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

See Section 2 for Potential Health Effects.

### Section 5 - Fire Fighting Measures

- Extinguishing Media** - Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).
- Unsuitable Extinguishing Media** - Do not use water jet as an extinguisher, as this will spread the fire.
- Firefighting Procedures** - 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. Decomposition products generated from molten polymer may be subject to auto ignition. Use water spray to cool unopened containers. Use standard firefighting procedures and consider the hazards of other involved materials.
- Unusual Fire and Explosion Hazards** - No unusual fire or explosion hazards noted.
- Hazardous Combustion Products** - During fire, gases hazardous to health may be formed.
- Protection of Firefighters** - Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
- Flash Point** - N/A

### Section 6 - Accidental Release Measures

- Personal Precautions** - No known issues.
- Emergency Procedures** - N/A
- Environmental Precautions** - No environmental hazards are associated with this product.
- Containment/Clean-up Measures** - No Information Available

**Prohibited Materials** - None listed

## Section 7 - Handling and Storage

- Handling** - Avoid breathing any dust that may evolve during processing. Avoid prolonged exposure. Observe good industrial hygiene practices.
- Storage** - Avoid all possible sources of ignition and other fire hazards.
- Incompatible Materials or Ignition Sources** - No Listing

## Section 8 - Exposure Controls/Personal Protection

### Personal Protective Equipment Pictograms



- Respiratory** - In case of insufficient ventilation, wear suitable respiratory equipment.
- Eye/Face** - Wear safety glasses with side shields (or goggles).
- Hands** - Wear appropriate protective gloves.
- Skin/Body** - Wear suitable protective clothing.
- General Industrial Hygiene Considerations** - Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.
- Engineering Measures/Controls** - Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Exposure Limits/Guidelines

Result	ACGIH	NIOSH	OSHA
N/A	N/A	N/A	N/A

## Section 9 - Physical and Chemical Properties

- Physical Form** - Solid Rolls or Sheets
- Appearance/Description** - Various colors, White

<b>Color:</b> Various fabric colors - White	<b>Odor:</b> None
<b>Taste:</b> No data available.	<b>Odor Threshold:</b> NDA
<b>Boiling Point:</b> NDA	<b>Vapor Pressure:</b> NDA
<b>Melting Point:</b> 265°C	<b>Vapor Density:</b> NDA
<b>Specific Gravity/Relative Density:</b> Polyester 1.34-1.39	<b>Evaporation Rate:</b> NDA
<b>Auto-Ignition Temperature</b> NDA	<b>VOC (Wt.):</b> NDA
<b>Bulk Density:</b> NDA	<b>VOC (Vol.):</b> NDA
<b>Solvent Solubility:</b> NDA	<b>Flash Point:</b> NDA
<b>Viscosity:</b> NDA	<b>Flash Point Test Type:</b> NDA

## Section 10 - Stability and Reactivity

- Stability** - Material is stable under normal conditions.
- Hazardous Polymerization** - Hazardous polymerization not indicated.
- Conditions to Avoid** - Burning Material.
- Incompatible Materials** - Strong oxidizing agents.

**Hazardous Decomposition Products**

- Combustion of this product may produce hydrogen, oxygen, carbon, nitrogen and/or oxides of carbon and nitrogen.

**Section 11 - Toxicological Information**

Component Name	Concentration	CAS	Data
N/A			

- IARC Monographs. Overall Evaluation of Carcinogenicity** - None of the components in this product is listed as a carcinogen by IARC, NTP, US OSHA or the European Directive (67/548/EEC)
- Other Information** - (N/A)
- Reproductive toxicity** - This product is not expected to cause reproductive or developmental effects.
- Specific target organ toxicity - single exposure** - Not classified.
- Specific target organ toxicity - repeated exposure** - Not classified.
- Aspiration hazard** - Not available.
- Chronic effects** - Prolonged inhalation may be harmful.

**Section 12 - Ecological Information**

- Ecological Fate** - The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
- Persistence/Degradability** - No data is available on the degradability of this product.
- Bioaccumulation Potential** - No data available.
- Mobility in Soil** - No data available.
- Other adverse effects** - No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**Section 13 - Disposal Considerations**

- Product** - Dispose of in accordance with all state, local and federal regulations.
- Packaging** - Dispose of in accordance with all state, local and federal regulations.

**Section 14 - Transportation Information**

**DOT - United States - Department of Transportation:**  
**Shipping Name:** Not Regulated as Dangerous Goods

**IATA – International Air Transport Association:**  
**Shipping Name:** Not Regulated as Dangerous Goods

**IMO/IMDG –International Maritime Transport:**  
**Shipping Name:** Not Regulated as Dangerous Goods

**Section 15 - Regulatory Information**

- SARA Hazard Classifications** - Not Classified
- Risk & Safety Phrases** - All components are on the U.S. EPA TSCA Inventory List. This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

- TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)** - Not regulated.
- CERCLA Hazardous Substance List (40 CFR 302.4)** - Not regulated.
- SARA 304 Emergency release notification** - Not regulated.
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** - Not regulated.
- SARA 302 Extremely hazardous substance** - Not listed.
- SARA 311/312 Hazardous** - No
- SARA 313 (TRI reporting)** - Not regulated.
- Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List** - This product contains no substances at or above the reporting threshold subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1985 and 40 CFR Part 371, based on available data.
  
- Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)** - Not regulated.
- Safe Drinking Water Act** - Not regulated.
- US. California Proposition 65** - This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

State Right To Know					
Component	CAS	MA	MN	NJ	PA
N/A					

**Section 16 - Other Information**

- Last Revision Date** - 3/03/2016
- Prepared By** - GG Inc.
- Disclaimer/Statement of Liability** - This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to verify the suitability and completeness of such information for particular use. APOC does not accept liability for any loss or damage that may occur from the use of this information.