



Health	1
Flammability	0
Reactivity	0

Pages: 7  
 SDS No.: FG 2742  
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 Revision No.: 1

## Section 1: Identification

**Trade Name (s):** ElasTechs 2742

**Intended Use:** Textile Warp Sizing Agent

**Company Name:** American Textile, LLC.  
 3235 Satellite Boulevard  
 Building 400, Suite 300  
 Duluth, Georgia 30096  
 USA

**Phone No.:** 770 291-2226

**Person Responsible:** Anthony Upchurch

**Email Address:** aupchurch@americantextilellc.com

**Emergency Phone No.:** 1-770 291-2226

**Chemtrec Phone Nos.:** USA 1-800 424-9300  
 International 1-703 527-3887

## Section 2: Hazardous Identification

**Classification:** Not Classified as Dangerous According to GHS. Does not require hazard warning label in accordance with EC Directives.

**Signal Word:** None

**Pictograms:** None

**Precautionary Statements:** Avoid the creation of dust.  
 Dust can cause irritation of the respiratory tract.  
 Dust can cause eye irritation experienced as stinging and discomfort.  
 May cause minor skin irritation with itching and redness.  
 May cause abdominal discomfort, nausea, vomiting and diarrhea if ingested.

**Other Hazards:** Spills can be a slipping hazard.

### Section 3: Composition / Information on Ingredients

**Chemical Name:** Acrylic and Polyester Polymer Blend

**Common Name / Synonyms:** Textile Warp Sizing Agent

Component	CAS No.	EINECS ELINCS	Content	Classification
Polyacrylate			< 50%	Unique Polymer
Sulphonated polyethylene terephthalate			< 50%	Unique Polymer

### Section 4: First Aid Measures

**Inhalation:** Remove to fresh air. Allow the victim to rest. If breathing stops contact a physician immediately.

**Skin Contact:** Wash thoroughly with soap and water.

**Eye Contact:** Flush with plenty of water. If irritation persists, seek medical attention.

**Ingestion:** Ingestion is an unlikely route of exposure. Do not induce vomiting unless instructed by a physician.

**Recommendations:** After first aid, get appropriate in-plant paramedic or community medical support.

### Section 5: Fire-Fighting Measures

**Extinguishing Equipment / Media:** Water, alcohol type or all purpose type foam for large fires and carbon dioxide or dry chemical media for small fires.

**Specific Hazardous:** Toxic fumes of carbon dioxide and carbon monoxide are generated during burning.

**Protective Equipment and Precautions:** Wear Self-contained breathing apparatus. Use water spray to cool fire exposed containers and to disperse vapors.

### Section 6: Accidental Release Measures

**Personal Precautions:** Equip cleanup crew with proper protection. Ventilate the area. See Section 8.

**Emergency Procedures:** Evacuate unnecessary personnel.

**Environmental Precautions:** Prevent entry to sewers and public waters. Notify authorities if entry to sewers or public waters occurs.


**Methods for Containment:** Sweep or shovel.

**Cleanup Procedure:** Sweep or shovel into suitable containers. Avoid generation of dust. Dispose of in accordance with local regulations. See Section 13.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling:</b>	Wash hands and other exposed areas with mild soap and water prior to eating, drinking or smoking.
<b>Incompatible Materials:</b>	Strong oxidizing agents.
<b>Conditions for Safe Storage:</b>	Store in cool and well ventilated area. Keep containers closed.

## Section 8. Exposure Controls / Personal Protection

<b>Exposure Limit Values:</b>	No data available for this combination of materials.
<b>Engineering Controls:</b>	Provide general or local exhaust ventilation system to maintain low airborne concentration of dust. Local ventilation is preferred.
<b>Occupational Exposure Controls:</b>	Avoid unnecessary exposure.
<b>Pictograms:</b>	
<b>Respiratory Protection:</b>	Wear approved mask.
<b>Hand Protection:</b>	Wear chemically protective gloves.
<b>Eye Protection:</b>	Wear protective goggles. Make available emergency eye-wash station.
<b>Skin and Body Protection:</b>	Wear chemically protective apron.

## Section 9: Physical and Chemical Properties

<b>Appearance:</b>	Fine Beige Granules				
<b>Odor:</b>	Mild				
<b>Odor Threshold:</b>	No data available				
<b>pH:</b> 10% in water	6 - 8				
<b>Melt Point:</b>	> 200° C				
<b>Boiling Point / Range:</b>	No data available				
<b>Flash Point:</b>	> 100° C				
<b>Evaporation Rate:</b>	No data available				
<b>Flammability:</b>	No data available				
<b>Explosive Limits:</b>	<table border="1"> <thead> <tr> <th>UL</th> <th>LL</th> </tr> </thead> <tbody> <tr> <td>No data</td> <td>No data</td> </tr> </tbody> </table>	UL	LL	No data	No data
UL	LL				
No data	No data				
<b>Vapor Pressure:</b>	No data available				
<b>Vapor Density:</b>	No data available				
<b>Relative Density:</b>	No data available				
<b>Solubility:</b>	Dispersible in water				
<b>Partion Coefficient:</b>	No data available				
<b>Auto-ignition Temperature:</b>	> 200° C				
<b>Decomposition Temperature:</b>	No data available				
<b>Viscosity:</b> 10% in water	< 200 cps				

**Test Methods:**

## Section 10: Stability and Reactivity

### Reactivity:

**Description:** Stable at ambient temperature and normal use conditions.

### Chemical Stability:

**Stable:** Stable under recommended storage conditions.

**Stabilizers:** N/A

**Safety Issues:** May decompose at very high temperatures.

### Other:

**Reaction:** No dangerous reactions known.

**Polymerization:** Not established.

**Conditions to Avoid:** Keep away from strong oxidizing agents and open flame.

**Incompatible Materials:** Oxidizing materials and strong acids.

**Hazardous** Fumes, carbon monoxide, carbon dioxide

**Decomposition Products:** No dangerous decomposition products known.

## Section 11: Toxicological Information

**General:** Low toxicity risk when handled under good occupational hygiene practice.

### Routes of Exposure:

**Inhalation:** Low toxicity risk for short or long term exposure.  
Can irritate the respiratory tract.

**Ingestion:** Low toxicity risk for short or long term exposure.  
May cause abdominal discomfort, nausea, vomiting and diarrhea.

**Skin and Eye:** Low toxicity risk for short or long term exposure.  
Can cause eye irritation experienced as stinging and discomfort.  
Can cause minor skin irritation with itching and redness.

**Effects from Exposure:** No data available.

### Numerical Measures of Toxicity:

**Acute Toxicity:** LD or (rat): > 2,000 mg/kg

**Acute Irritability:** Not irritating to rabbits on cutaneous application.  
Not irritating to rabbits on ocular application.

**Description of Symptoms:** See above.

### Reports on Carcinogens:

**NTP:** Not considered a carcinogen.

**IARC:** Not considered a carcinogen.

**OSHA:** Not considered a carcinogen.

## Section 12: Ecological Information

**Ecotoxicity:** The product is not expected to be hazardous to the environment.

**Aquatic Toxicity:**

Component	CAS No.	Invertebrates and Aquatic Plants	Time	Type	Value
Polyacrylate		Leuciscus	96 hours	LC <sub>50</sub>	> 100 mg/l
		Daphnia magna	48 hours	EC <sub>50</sub>	> 100 mg/l
		Aquatic Plants	72 hours	EC <sub>50</sub>	> 100 mg/l
Sulphonated polyethylene terephthalate		No data available			

**Persistence and Degradability:** Easily eliminated from water by abiotic processes.

**Bioaccumulation Potential:** No data available

K <sub>ow</sub> :	BCF:

**Mobility in Soil:** No data available

**PBT and vPvB Assessment:** The product does not fulfill the criteria to be indentified as PBT or vPvB substance according to Annex XIII of Regulation REACH.

**Other Adverse Effects:** No other information is available.

## Section 13: Disposal Considerations

**Waste Treatment Methods:**

**Product:** Dispose of in accordance with local regulations. Destroy at authorized site.

**Packaging:** Incinerate empty bags accordng to local regulations.

**Properties Affecting Disposal:** No additional special considerations.

**Sewage Disposal:** Keep out of sewers.

**Special Precautions:** No special precautions.

## Section 14: Transport Information

**Land Transport:** Not Regulated

UN No.	Shipping Name	Transport Class	Packing Group	Hazard

**United States DOT:** Not Regulated

**Sea Transport:** Not Regulated

UN No.	Shipping Name	IMO / IMDG Code	Packing Group	Class	Marine Pollutant
					NO

**Air Transport:** Not Regulated

UN No.	Shipping Name	IATA / ICAO-DGR Class	Packing Group

**Special Precautions:** Handle carefully to avoid breakage. Breakage can cause dust. See Section 2 regarding dust.

## Section 15: Regulatory Information

**Regulations:**

**SARA Title 3 Section 311 Categories:**

Acute	Chronic	Fire	Pressure	Reactivity
No	No	No	No	No

**SARA 313 - Special Toxic Listings:** None

**California Proposition 65:** The product contains no chemicals known to the State of California to cause cancer, birth defects or reproduction harm.

**Notification Status:**

Yes	No	Not Determined	Listing
X			Components included in the United States TSCA Chemical inventory or are not required to be listed
		X	Components are included in the Canada Domestic Substance List (DSL) or are not required to be listed
		X	Components are included on the Australian Inventory of Chemical Substances (AICS)
		X	Components are included on the Chinese inventory
		X	Components are included on the Korean (ECL) inventory
		X	Components are included on the Philippine (PICCS) inventory
		X	Components are included on the Japanese (ENCS) inventory
		X	Components are included on the European Inventory of Existing Chemical Substances (EINECS) inventory
X			Components are included on the Taiwan Chemical Substances Control Act Inventory
		X	Components are included on the New Zealand Inventory of Chemical Substances

**Safety Assessment:**

## Section 16: Other Information

**Revision Date:**

**Revised Sections:**

**Preparation Statement:** The information provided in this Safety Data Sheet is correct to the best of our knowledge.

**Abbreviations:**

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>BCF</b>	Bioconcentration Factor
<b>CAS</b>	Chemical Abstract Service
<b>DOT</b>	United States Department of Transportation
<b>EC50</b>	Effect Concentration 50%
<b>EINECS</b>	European Inventory of Existing Commercial chemical Substances
<b>ELINCS</b>	European List of Notified Chemical Substances
<b>GHS</b>	Global Harmonized System
<b>HEPA</b>	High-efficiency particulate arrestance
<b>IARC</b>	International Agency for Research on Cancer
<b>IATA</b>	International Air Transport Association
<b>IC50</b>	Inhibition Concentration 50%
<b>ICAO</b>	International Civil Aviation Organization
<b>IMDG</b>	International Maritime Dangerous Goods
<b>IMO</b>	International Maritime Organization
<b>kg</b>	Kilogram
<b>Kow</b>	Octanol-Water Partition Coefficient
<b>l</b>	Liter
<b>LC50</b>	Lethal Concentration 50%
<b>LD50</b>	Lethal Dose 50%
<b>LL</b>	Lower Limit
<b>mg</b>	Milligram
<b>MSHA</b>	Mine Safety and Health Administration
<b>N/A</b>	Not applicable
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NLP</b>	No-Longer Polymers
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	United States Occupational Safety and Health Administration
<b>PBT</b>	Persistent, Bioaccumulative and Toxic
<b>PEL</b>	Permissible exposure limits
<b>STEL</b>	Short term exposure limit
<b>STOT</b>	Specific target organ toxicity
<b>UL</b>	Upper Limit
<b>UN</b>	United Nations (Committee of Experts on the Transport of Dangerous Goods)
<b>vPvB</b>	Very Persistent and Very Bioaccumulative