



Health	1
Flammability	0
Reactivity	0

Pages: 7  
 SDS No.: FG 2255  
 Issue Date: 04/12/2015  
 Revised Date: 09/10/2015  
 Revision No.: 1

## Section 1: Identification

**Trade Name (s):** ElasTechs 2255

**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, EC, EEC or CLP.

**Signal Word:** None Required

**Pictograms:** None Required

**Precautionary Statements:**

- P261 Avoid breathing dust.
- P262 Do not get in eyes, on skin, or on clothing.
- P264 Wash ... thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P284 [In case of inadequate ventilation] wear respiratory protection.

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

### Section 3: Composition / Information on Ingredients

**Chemical Name:** Proprietary Mixture

**Common Name / Synonyms:**

Component	CAS No.	EINECS ELINCS	Content	Classification

### Section 4: First Aid Measures

**General:** Remove contaminated clothing.

**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. If irritation persists consult a physician.

**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. Consult a physician immediately.

**Recommendations:** Information for physician: most important symptoms and effects, both acute and delayed.

### Section 5: Fire-Fighting Measures

**Extinguishing Equipment / Media:** Carbon dioxide (CO<sub>2</sub>), extinguishing powder or water spray / fog. Fight larger fires with water spray / fog or alcohol resistant foam.

**Specific Hazardous:** Carbon monoxide and carbon dioxide can be released during fire. Toxic gas formation is possible during heating or fire.

**Protective Equipment and Precautions:** Wear Self-contained breathing apparatus and full protective suit. Use water spray to cool exposed containers. Dispose of debris in accordance with authorities.

### Section 6: Accidental Release Measures

**Personal Precautions:** Equip cleanup crew with proper protective equipment. Ventilate the area. Keep away unprotected persons. See Section 8. Product becomes slippery when wet.

**Emergency Procedures:** Evacuate unnecessary personnel. Prevent from spreading (e.g. by damming or oil barrier).

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


**Methods for Containment:** Collect mechanically. Ensure adequate ventilation to prevent dust formation.

**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>	Ensure good ventilation. Wash hands and other exposed areas with mild soap and water prior to eating, drinking or smoking. Avoid unnecessary contact with product.
<b>Incompatible Materials:</b>	Strong oxidizing agents.
<b>Conditions for Safe Storage:</b>	Store in cool and well ventilated area. Store away from food. 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. Keep away from food and beverages. Wash hands regularly.
<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 White Powder
<b>Odor:</b>	Mild
<b>Odor Threshold:</b>	No data available
<b>pH:</b>	7.2
<b>Melt Point:</b>	Not determined
<b>Boiling Point / Range:</b>	No data available
<b>Flash Point:</b>	> 100° C
<b>Evaporation Rate:</b>	No data available
<b>Self-inflammability:</b>	Not self igniting
<b>Danger of Explosion:</b>	Not explosive
<b>Vapor Pressure:</b>	No data available
<b>Vapor Density:</b>	No data available
<b>Relative Density:</b>	No data available
<b>Solubility:</b>	0 - 7% in cold water
<b>Partion Coefficient:</b>	No data available
<b>Auto-ignition Temperature:</b>	> 330° C
<b>Decomposition Temperature:</b>	Not tested
<b>Viscosity:</b>	Not determined

**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:** Not applicable

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

### Other:

**Hazardous Reactions:** No dangerous reactions known.

**Hazardous Polymerization:** No dangerous polymerizations known.

**Conditions to Avoid:** Keep away from open flame.

**Incompatible Materials:** Strong acids, bases and strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>).

## Section 11: Toxicological Information

### General:

#### Routes of Exposure:

**Inhalation:** Not tested.

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

**Skin:** No skin irritation (rabbit)

**Eye:** No eye irritation (rabbit)

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

#### Numerical Measures of Toxicity:

**Acute Toxicity:** Oral - LD50 - (rat): > 2000 mg/kg  
Dermal - Not tested  
Inhalation - Not tested

**Acute Irritability:** No data available  
No data available

**Description of Symptoms:** See above.

**Reports on Carcinogens:** Ames test: negative

**NTP:** Not considered a carcinogen.

**IARC:** Not considered a carcinogen.

**OSHA:** Not considered a carcinogen.

## Section 12: Ecological Information

### Ecotoxicity:

### Aquatic Toxicity:

Component	CAS No.	Species	Time	Type	Value
		Daphnia Magna	48 hours	EC50	> 100 mg/l
		Leuciscus Idus	96 hours	LC50	> 100 mg/l
		Algae	72 hours	EC50	> 100 mg/l
		Bacteria - Not tested			

**Persistence and Degradability:** > 85%

**Bioaccumulation Potential:** Bioaccumulation is not expected

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

**Mobility in Soil:** The substance does not evaporate into the atmosphere from the surface of water.

**PBT and vPvB Assessment:** The product does not contain a substance fulfilling the criteria.

### Additional Information:

**Other Adverse Effects:** Product must not be released into water without pre-treatment.

## Section 13: Disposal Considerations

### Waste Treatment Methods:

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

**Packaging:** Recycle bags when possible. Incinerate empty bags according 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:**

**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
X			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 and Acronyms:**

<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