

GHS Safety Data Sheet

1 PRODUCT AND COMPANY IDENTIFICATION

Identification of the substance or mixture

Chemical Name / trade name : **ElasTechs 2700**
Use of the substance/mixture : Textile Industry
Company/undertaking identification
 Full address : American Textile, LLC
 3235 Satellite Boulevard
 Building 400, Suite 300
 Duluth, Georgia 30096
 United States
 Telephone No. : 770 291-2226
 Fax : 678 547-3179
 Website : www.americantextilellc.com
Emergency Telephone No. : 770 291-2226
Chemtrec : 1-800-424-9300 1-703-527-3887

2. HAZARDS IDENTIFICATION

This product is Considered as non hazardous as defined in 29 CFR 1910.1200

HMIS Rating:	Health: 1	Fire: 0	Reactivity: 0	PPE: Refer Section 8
---------------------	------------------	----------------	----------------------	-----------------------------

Emergency Overview:

GHS Physical Hazards: None

GHS Health and Environmental Hazards :
 H316 Causes mild skin irritation
 H320 Causes mild eye irritation
 H303 May be harmful if swallowed

GHS Signal Words: **Warning**

Precautionary Statements
 P102: Keep out of reach of children
 P264: Wash ... thoroughly after handling
 P281: Use personal protective equipment as required
 P302 + P352 – IF ON SKIN: Wash with plenty of soap and water
 P337 + P313 – If eye irritation persist: Get medical advice/attention
 P314: Get medical advice/attention if you feel unwell
 P411: Store at temperatures not exceeding 30°C.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization	Polyester Polymer Mixture	
Chemical name	Concentration	Additional identification
Polester Polymer Mixture	98%	

4. FIRST AID MEASURES

Eyes P305+351+338: IF IN EYES: Rinse cautiously with water for several (15) minutes. Remove contact lenses if present and easy to do – continue rinsing.

Skin P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Inhalation P333+313: If skin irritation or a rash occurs: Get medical advice/attention.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion P342+311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P311: Call a POISON CENTER or doctor/physician.

5. FIRE FIGHTING MEASURES

FLASH POINT: Non Flammable

AUTOIGNITION TEMPERATURE Not Established

Suitable extinguishing agent: Water spray, foam, carbon dioxide and sand. Non- Flammable and hence no fire hazard.

**Hazards during fire-fighting
At unusual conditions:** May emit Carbon dioxide(CO₂), Carbon monoxide(CO) oxides of nitrogen (NOX), other Hazardous material and Smokes are all possible under fire conditions.

**Protective equipment for fire
Fire fighting at unusual condition:
Further information** Fire fighters should be equipped with self-contained breathing apparatus and turn-out gear.
In case of fire and/or explosion do not breathe fumes.
Keep containers cool be spraying with water if exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking.
P262: Do not get in eyes, on skin, or on clothing
P264: Wash thoroughly after handling
P280: Wear protective gloves/protective clothing/eye protection/face protection

Environmental precautions P273: Avoid release to the environment Limit leakage with earth or sand. Do not discharge into the drains/surface water/groundwater. Dispose of absorbed material in accordance with local, state and federal regulations.

Methods for cleaning up

-Recovery Recover as much of the product as possible. Recover the product by vacuuming/shoveling or sweeping.

-Cleaning/Decontamination Wash the floor with plenty of water.

-Disposal For disposal of residues refer to section 13 “Disposal considerations”.

7. HANDLING AND STORAGE

Handling P264: Wash ... thoroughly after handling
P281: Use personal protective equipment as required
P302 + P352 – IF ON SKIN: Wash with plenty of soap and water

Storage P404: Store in a closed container

Special Packaging Requirements P411: Store at temperatures not exceeding 30°C.

**Incompatible Materials or
Fire/Explosion Protection** Not Known

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Personal Protective Equipment (PPE):

Hand Protection	Chemical Resistant Gloves
Eye Protection	Chemical Goggles or Glasses with Side shields
Skin Protection	Protective Clothing
Respiratory Protection	The use of a NIOSH approved respirator protection may be needed if working in a poor ventilated area.

Engineering Measures/Controls:

Ventilation	Ensure adequate ventilation, especially in confined area
Other measures	Eye wash and safety shower in work area

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	
Physical State:	Powder
Form:	Solid
Color:	Yellow
Odor:	Odorless
Odor Threshold:	Not determined.
pH:	No data available.
Softening Point:	NA
Boiling Point:	>100°C.
Flash Point:	>200°C
Evaporation Rate:	Not determined.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%)-:	No data available.
Flammability Limit - Lower (%)-:	No data available. V
Vapor pressure:	Not determined.
Vapor density (air=1):	No data available.
Specific Gravity:	1.1 (estimated)
Solubility(ies)	
Solubility in Water:	Soluble in water @Room Temperature°C
Solubility (other):	No data available.
Autoignition Temperature:	> 400 °C
Decomposition Temperature:	Thermal stability not tested. Low stability hazard expected at normal operating temperatures.
Dynamic Viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties	No data available.

10. STABILITY AND REACTIVITY

Reactivity:	None known.
Chemical stability:	Stable
Possibility of hazardous reactions:	None known.
Conditions to avoid:	Keep away from oxidizing agents and open flame. To avoid thermal Decomposition, do not overheat.
Incompatible materials:	Strong oxidizing acid, alkali and oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Routes of Exposure	Eye contact, skin contact, ingestion, inhalation (mist, vapors).
Eye Contact	Not Determined

Skin Contact	Not Determined
Ingestion	Not Determined
Inhalation	Not Determined
Skin Sensitization	Not Determined

Acute Toxicity/Effects:

Test	Test type	Species	Results	Comments
Oral Toxicity	LD50	Rat	>2000 mg/kg	-
Dermal Toxicity	LD50	N/D	N/D	-
Inhalation Toxicity	N/D	N/D	N/D	-
Eye Irritation	-			

Chronic Data:

Carcinogenicity	IARC	No	NTP	No	ACGIH	No	OSHA	No
Mutagenicity	NDA							
Reproductive Effects	NDA							

12. ECOLOGICAL INFORMATION

Ecotoxicity/Effects:

-Effects on the aquatic environment : EC₅₀ , LC₅₀ , IC₅₀ > 1 mg/l (no mortality and clinical abnormality observed)
 Relation of biodegradability/eliminability (OECD 301, 302A, 302B/303A) to aquatic toxicity (LC50 or EC50 or IC50 ; OECD 201, 202,203) : > 95% and 1-10 mg/l

13. DISPOSAL CONSIDERATION

WASTE FROM RESIDUES

Destruction/disposal : Dispose of in accordance with relevant local regulations.
 Destroy at an authorized site.

CONTAMINATED PACKAGING

Decontamination/cleaning : Rinse with hot water if necessary
 Destruction/disposal : Incinerate bags and flexible containers.

FURTHER INFORMATION : Following the transformation process, any water used must
 Be treated in accordance with local rules.

14. TRANSPORT INFORMATION

The product do not constitute a hazardous substance in national/international road, rail,sea & air Transport.

DOT: Not Regulated
 IMDG-International Maritime Dangerous Goods Code: Not Regulated
 IATA/ICAO Regulations (Air Transport): Not Regulated
 U.S.Department of Transportation Hazard Class: Not regulated.

15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA standard 29 CFR 1910.1200/HazCom 2012.

Domestic Regulations

TSCA Status All the components in this material are listed on or exempt from the TSCA inventory.

SARA Title 302 (Extremely Hazardous Substances) TPQ-None

SARA Title 304 (Extremely Hazardous Substances) RQ-None

CERCLA Hazardous Substances (RQ) None

SARA 311/312 Hazard Acute: N Chronic: N Fire: N Pressure: N Reactive: N

Categorization:

Clean Air Act Section 112 TQ – Not listed.

(TQ):

EC regulations : Mandatory labeling (self-classification) of hazardous Substances: not applicable.

-Additional phrases : This product does not pose any particular problem to the Environment.
Ultimate destination of the product: WATER

National Regulation

All components of these products are listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory.

Product related hazard information

Hazard symbol : Non-Hazardous.

Risk phrases : Mild Irritating to eyes and skin.

Safety phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advise. Wear suitable protective clothing.

Information about limitation of use : For use only by technically qualified individuals.

16. OTHER INFORMATION

Key to Abbreviations

NDA - No data available N/D - Not determined N/A - Not applicable N/E - Not established

All information, recommendations and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by REFNOL REISINS AND CHEMICALS LTD as to the effects of such use, the results to be obtained, or the safety and toxicity of the product nor does REFNOL REISINS AND CHEMICALS LTD. assume any liability arising out of use by others, or the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.