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Flammability	0
Reactivity	0

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Section 1: Identification

Trade Name (s): ElasTechs 205, ElasTechs 523, ElasTechs 540, ElasTechs 413, ElasTechs 425, ElasTechs 300, ElasTechs 325

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: Polyvinyl Alcohol
Common Name / Synonyms: Textile Warp Sizing Agent

Component	CAS No.	EINECS ELINCS	Content	Classification
Polyvinyl Alcohol	9002-89-5	618-340-9	> 91.00%	Polymer Flam. Liq. 2, H225 Acute Tox. 3, H301, H311, H331, H370
Methanol	67-56-1	200-659-6	< 0.91%	
Water	7732-18-5	231-791-2	< 5.00%	

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 (CO₂), 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

Precautions for Safe Handling:	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.
Incompatible Materials:	Strong oxidizing agents.
Conditions for Safe Storage:	Store in cool and well ventilated area. Store away from food. Keep containers closed.

Section 8. Exposure Controls / Personal Protection

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

Section 9: Physical and Chemical Properties

Appearance:	Fine Off-White Granules
Odor:	Mild
Odor Threshold:	No data available
pH: 10% in water	5 - 8
Melt Point:	230 - 240° C
Boiling Point / Range:	No data available
Flash Point:	Not applicable
Evaporation Rate:	No data available
Self-inflammability:	Not self igniting
Danger of Explosion:	Not explosive
Vapor Pressure:	No data available
Vapor Density:	No data available
Relative Density:	Not determined
Solubility:	Soluble in water, insoluble in ethyl acetate, benzene toluene, MIBK
Partion Coefficient:	No data available
Auto-ignition Temperature:	440° C
Decomposition Temperature:	160° C
Viscosity:	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 strong oxidizing agents and open flame.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide (CO) and carbon dioxide (CO₂).

Section 11: Toxicological Information

General: Polyvinyl is non toxic.

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: Oral LD50 - (rat): > 5000 mg/kg
Inhalative LD50, 1 hour - (rat) > 24 mg/l

Acute Irritability: No data available
No data available

Description of Symptoms: See above.

Reports on Carcinogens: Ames text: negative

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.	Species	Time	Type	Value
Polyvinyl Alcohol	9002-89-5	Bacteriums		EC50	50 mg/l
		Daphnia	48 hours	EC50	8.3 mg/l
		Danio rerio	96 hours	LC50	> 5000 mg/l
		Fathead minnow (Pimephales promelas)	96 hours	LC50	40 mg g/l

Persistence and Degradability: Biodegradability 90% (Zahn-Wallens Test)

Bioaccumulation Potential:

K _{ow} :	BCF:
N/A	< 10

Mobility in Soil: No data available

PBT and vPvB Assessment: Not applicable

Additional Information: COD Value - 17000 mgO₂/g

Other Adverse Effects: No further information is available.

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: Methanol is known to the State of California to cause developmental 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
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:

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