1 PRODUCT AND COMPANY IDENTIFICATION

Identification of the substance or mixture
Chemical Name / trade name: ElasTechs 2722
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

<table>
<thead>
<tr>
<th>HMIS Rating:</th>
<th>Health:</th>
<th>Fire:</th>
<th>Reactivity:</th>
<th>PPE: Refer Section 8</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Concentration</th>
<th>Additional identification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyester Polymer Mixture</td>
<td>98%</td>
<td></td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

<table>
<thead>
<tr>
<th></th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.</td>
</tr>
</tbody>
</table>

Date of issue: 21st April, 2015
P333+313: If skin irritation or a rash occurs: Get medical advice/attention.

**Inhalation**
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P342+311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

**Ingestion**
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**
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 fighters should be equipped with self-contained breathing apparatus and turn-out gear.

**Fire fighting at unusual condition:**
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 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**
Not Known

**Fire/Explosion Protection**

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.
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:

<table>
<thead>
<tr>
<th>Test</th>
<th>Test type</th>
<th>Species</th>
<th>Results</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Toxicity</td>
<td>LD50</td>
<td>Rat</td>
<td>&gt;2000 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>Dermal Toxicity</td>
<td>LD50</td>
<td>N/D</td>
<td>N/D</td>
<td>-</td>
</tr>
<tr>
<td>Inhalation Toxicity</td>
<td>N/D</td>
<td>N/D</td>
<td>N/D</td>
<td>-</td>
</tr>
<tr>
<td>Eye Irritation</td>
<td></td>
<td></td>
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</tbody>
</table>

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: EC_{50}, LC_{50}, IC_{50} > 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
ElasTechs 2722

Categorization:
Clean Air Act Section 112 (TQ): TQ – Not listed.
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.