



Material Safety Data Sheet

Revised: 1/11/06

Section I: Product Identification and Uses		
Product	Fraycheck	Emergency Phone Numbers CHEMTREC - (800) 424-9300 24 Hours Daily (973) 748-5500 (USA) 7:30 A.M. - 4:00 P.M. EST - M-F
General Use	Textile Anti Fray	
Description	Nylon Terpolymer in Alcohol Solution	

Section II: Ingredients					
Name	CAS #	Exposure Limits		ACGIH (ppm)	% by Weight
		OSHA 8 Hr. TWA (ppm)	STEL (ppm)		
n-Propanol	71-23-8	200	250	200	
Nylon Terpolymer	25191-90-6				
Water	7732-18-5				

Section III: Hazards Identification	
Emergency Overview	Clear, flammable liquid with alcohol odor. Irritating to eyes, skin and respiratory tract.
Potential Health Effects:	
Inhalation	Can cause nausea, dizziness, headache and stupor. Irritates nasal passages and throat.
Skin Contact	Prolonged or repeated skin contact can cause drying and brittleness.
Eye Contact	Can cause severe irritation. Damage reversible.
Ingestion	Can cause nausea, dizziness, headache and stupor.
Chronic	No Additional Information
Carcinogenicity	None of the components in this material are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

Section IV. First Aid Measures Fraxcheck Page 2 of 4

Eye Contact	Flush eyes with water for at least 15 minutes. Get medical attention immediately.
Skin Contact	Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, contact a physician.
Inhalation	Remove to fresh air. If breathing is difficult, get medical attention immediately.
Ingestion	Never give anything by mouth to an unconscious person. Give several glasses of water. Keep airway clear. Get medical attention immediately.

Section V. Fire and Explosion Data

The Product Is	Flammable
Auto-Ignition Temperature	700°F (371°C)
Fire Degradation Products	Carbon Oxides (CO, CO ₂), Nitrogen Oxide (NO, NO ₂)
Flash Point	77°F (25°C) TCC
Flammable Limits	2.2 to 14.0% by Volume in air.
Fire Extinguishing Procedures	Use CO ₂ or dry chemical for small fires; aqueous film forming foam or water spray for large fires. Water may be ineffective but should be used to cool fire exposed structures and vessels. Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to vapors or products of combustion exists.
Flammability	Flammable liquid; may release vapors that form flammable mixtures when temperatures are at or above the flash point. Vapor is heavier than air and can travel considerable distances to a source of ignition and flashback.

Section VI. Accidental Release Measures

Spill and Leak	Eliminate ignition sources. Ventilate area of leak or spill. Wear appropriate personal protective equipment. Avoid eye or skin contact. Place leaking containers in well ventilated area. If fire potential exists, blanket spill with foam or use water spray to disperse vapors. Contain spill to minimize contaminated area. To clean up, use an absorbent.
Protective Clothing in Case of Large Spill	Respirator: Use NIOSH approved organic vapor cartridge respirator when exposure is expected to exceed OSHA limits. Eye Protection: Chemical Safety Goggles Gloves: Rubber or vinyl gloves A safety shower and eyewash should be available.
Waste Disposal	All disposal should be in accordance with federal, state and local regulations.

Section VII: Handling and Storage	
Handling	<p>General:</p> <ul style="list-style-type: none"> - Keep containers closed when not in use. Loosen closure cautiously before opening. - Use spark proof tools and explosion proof equipment. - Avoid breathing vapor. - Avoid contact with eyes, skin and clothing. - Handle in a well ventilated area or use local exhaust. - Containers should be grounded for transfer to avoid static spark.
Storage	<p>Storage Temperature: Ambient - Store at temperatures below 100°F</p> <p>Storage Pressure: Atmospheric</p> <p>General:</p> <ul style="list-style-type: none"> - Store in a cool, well ventilated place away from heat, sparks and flame. - Ground and bond containers when transferring materials. - Use only DOT approved containers. - Empty containers may retain hazardous properties. - Do not pressurize, torch cut, weld, braze, solder, drill, or grind metal drum.
Precautions	<p>Conditions to Avoid: Heat, Sparks, and Flame.</p>

Section VIII: Control Measures	
Engineering Controls:	<p>Provide adequate ventilation or exhaust to meet TLV and PEL requirements. Use explosion proof ventilation equipment.</p>
Personal Protection:	<p>Eye Protection: Chemical Safety Goggles</p> <p>Gloves: Rubber or vinyl gloves</p> <p>Respirator: Use NIOSH approved organic vapor cartridge respirator when exposure is expected to exceed OSHA limits.</p> <p>Other: A safety shower and eyewash should be available.</p>

Section IX: Physical Data	
Physical State and Appearance	Clear Liquid
pH (1% Soln./Water)	Not Applicable. Insoluble resin in soluble carrier.
Odor	Alcohol-like
Melting Point	Not Applicable
Boiling Point	207°F (97°C)
Specific Gravity	0.886
Vapor Density	(Air = 1) 2.07
Vapor Pressure	10 mm Hg
Evaporation Rate	(Bu Ac = 1) 1.33

Section X: Reactivity Data Kraycheck Page 4 of 4

Stability	This product is stable. Hazardous polymerization will not occur.
Hazardous Decomp. Products	Carbon Monoxide, Ammonia, Organic Acids and Aldehydes.
Conditions to Avoid	Heat, Sparks, and Flame.
Incompatible Materials	Oxidizing agents such as Hydrogen Peroxide or Nitric Acid.

Section XI: Transportation Information

DOT	Shipping Name: Adhesives, containing a Flammable Liquid
	DOT ID: UN1133
	Hazard Class: 3, Flammable Liquid
	Packaging Group: III
	Remark:

Section XII: Other Information

HMIS: HEALTH 1 FLAMMABILITY 3 REACTIVITY 0

Consult your supervisor for recommended personal protective equipment when using this product.

Date of Last Revision: 1/11/06

While the company believes the data set forth herein are accurate as of the date hereof, the company makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.