



P.O. Box 15018  
Hastings, New Zealand

**MATERIAL SAFETY DATA SHEET**  
**IN CASE OF SPILL CALL**  
**(06) 879-9438**

**PRO-TEXTILE<sup>1M</sup>**

**Section I - Product Identification**

Trade Name: **PRO-TEXTILE**  
Chemical or Common Name or use: Solvent-based Fabric Protector  
Chemical Family: Fluorochemical in mixed solvent  
Formula: Proprietary

**Section II - Hazardous Ingredients**

Hazardous Component	CAS No.	Occupational Exposure Limits	Toxicity Data
Naphtha (Petroleum)		OSHA PEL 500 ppm Rat, Oral	LD <sub>50</sub> >25 ml/kg
Heavy Alkylate	64741-65-7	ACGIH 100 ppm	Rat, Inhal, LC <sub>50</sub> : 592 ppm/4hr
Butyl Acetate	123-86-4	OSHA PEL 8hr TWA: 150 ppm, 710 mg/m <sup>3</sup>	Rat, Oral LD50: 14/kg Human, inhalation, TC <sub>10</sub> : 200 pm exposure affects sense organs and special senses

Fluorochemical copolymers Mixture N/D

**Section III - Physical Data**

Boiling Point:	>125°C	Vapour Pressure:	>12.5 mm Hg at 25°C
Vapour Density (Air=1):	4.8	Solubility in Water:	Insoluble
Specific Gravity:	ca 0.8	% Volatile by Volume:	ca 95%
Appearance:	Clear liquid	Odour:	Hydrocarbon
Evaporation Rate:	0.17 Butyl Acetate =1		

**Section IV - Fire and Explosion Hazard Data**

Flash Point: 42°C or 107.8°F  
Flammable Limits: LEL: ca 1% UEL: ca 7%  
Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide or Halon  
Special Fire Fighting Procedures: Wear SCBA and full protective gear  
Unusual Fire and Explosion Hazard: This material is a moderate fire hazard when exposed to heat, sparks, flame or oxidizers. Its vapours are heavier than air and may travel a considerable distance to an ignition source and flash back.  
OSHA Flammability Class: Handle as a Class 1B Flammable Liquid

**Section V - Health Hazard Data**

**Primary Rout of entry: EYE: yes Skin: yes Inhalation: yes Ingestion: no**  
**Eye Contact:** Liquid and mist may irritate the eyes and cause reddening and swelling.  
**Skin Contact:** Brief contact may dry the skin. Prolonged or repeated contact may result in the absorption of potentially harmful amounts.  
**Inhalation:** High vapour concentrations may result in CNS depression, headaches, nausea, vomiting and coma. Inhalation of very high concentrations or prolonged exposure may cause unconsciousness or death. Butyl acetate may also cause olfaction effects and irritation of lungs, thorax and respiration.  
**Ingestion:** Swallowing the liquid may result in vomiting. If vomiting occurs spontaneously, do not allow vomitus to be breathed into the lungs as even a small quantity in the lungs may result in chemical pneumonitis and pulmonary edema/haemorrhage.  
**Medical Conditions Prone to Aggravation by Exposure:** Pre-existing eye and skin disorders may be aggravated.  
**Carcinogens Listed In:** NTP: No IARC: No OSHA: No

**Emergency First Aid Procedures:**

**Eye & Skin Contact:** Flush eyes with plenty of water for at least 15 minutes, lifting the upper and lower eyelids occasionally; get prompt medical attention; wash skin thoroughly with soap and water. Remove and wash clothing before reuse.  
**Inhalation:** Move subject to fresh air. If not breathing give artificial respiration. Get immediate medical attention.  
**Ingestion:** Do NOT induce vomiting. Get immediate medical attention. If vomiting occurs spontaneously, keep victim's head below his hips to prevent his breathing the vomitus into his lungs.

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**Section VI - Reactivity Data**

Stability: Stable  
Conditions to Avoid: Heat, Sparks & Open Flame  
Hazardous Decomposition Products: Hydrogen fluoride  
Incompatibility: Oxidizers  
Hazardous Polymerization: Will not occur

**Section VII - Precautions for Safe Handling and Use**

**Steps to be Taken in Case Material is Released or Spilled:** Notify safety personnel of large spills or leaks. Remove all sources of heat and ignition. Provide maximum explosion-proof ventilation. Eliminate all possible sources of heat or ignition; if possible remove any leaking container to an open area. Cleanup personnel need protection against inhalation or skin contact. Use nonsparking tools during all cleanup procedures. Contain spill and pick up liquid for recover or disposal when feasible. Absorb small spills with dry sand, vermiculite or other suitable material.  
**Waste Disposal Method:** Follow federal, provincial and local regulations.  
**Precautions to be Taken in Handling and Storage:** Separate this material in tightly closed containers in a cool, dry, well ventilated area away from heat or ignition or chemically incompatible materials. Electrically ground and bond all containers involved in storage or transferring operations to prevent static sparks. Use nonsparking tools. Storage conditions must be suitable for an OSHA Class 1B Flammable Liquid.

**Section VIII - Special Protection Information**

Respiratory Protection: NIOSH-Approved respirator  
Eye Protection: Chemical Goggles  
Ventilation: Local mechanical exhaust ventilation capable of minimizing emissions at the point of use.  
Other Protective Equipment: Long-sleeved shirt, trousers, safety shoes and rubber apron  
Gloves: Impermeable

**Section IX - Classification Information**

NFPA Hazard Rating (NFPA Standard 704) Health: 2 Fire: 3 Reactivity: 0 Special: None  
TSCA Inventory Status: All Components Listed.  
SARA Title III, Section 302: None Listed SARA Title III, Section 313: None Listed

**Section X - Shipping Information**

MOT Shipping Name: Flammable N.O.S.  
MOT Hazard Class: Flammable Liquid  
ID No.: UN1993  
IMO Label: Flammable Liquid  
EmS No.: 3-07  
MOT Label:  
IMDG Packaging Group: III page 3345  
MFAG Table No.: 311

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N/A = Not Applicable N/E = Not Established N/D = No Data