



# BLEND

## DESCRIPTION:

BT Secure-Blend fabric fire retardant is a ready-to-use water soluble, clear fire retardant for natural/synthetic blend fabrics.

Ideal for furnishings, drapes, curtains, backdrops, decorative materials in scenic sets, wall coverings, fabric exhibits and displays.

The product meets standard for Flame Tests for Flame Resistant Fabrics and Films” in accordance with CAN/ULC S-109, NFPA 701, FAR 25.853 Compartment Interiors and UFAC 1990 for Class 1 Fabrics.

## FEATURES:

- \* Ready-To-Use water-based
- \* Effectively treats most blend fabrics
- \* Most fabrics retain original finish
- \* Meets CAN/ULC-S109 and NFPA 701

### BT Secure-Blend may be applied to:

- Poly-Cotton
  - Cotton-Rayon
  - Wool-Poly
  - Wool-Nylon
- Silk-Rayon
  - Wool-Rayon
  - Wool-Nylon
  - Rayon-Viscose
- Poly-Spandex
  - Cotton-Spandex
  - Rayon-Linen

PROPERTIES		PACKAGING
Appearance	- clear liquid	4 x 1 gal jug = 44 lbs [4 x 4 L = 20 Kg]
Solvent Type	- water-based	5 gal pail = 50 lbs [20 L pail = 22.5 Kg]
Flashpoint (min)	- N/A	55 gal drum = 460 lbs [210 L drum = 208 Kg]
% Solids by Volume	- 18%	

## PREPARATION:

Ensure that the fabric to be treated is free of oil, grease, dust and dirt. Always pre-test a small area prior to full-scale application for compatibility and colour fastness. Always adhere to safety procedures.

## APPLICATION:

Apply to fabric by spray misting, or dipping until suitable saturation has been achieved. With most fabrics a couple light spray applications are recommended to avoid over saturation. For heavier fabrics it may require front and back application. The application rate will depend on

the type of fabric, weight and thickness. Typical coverage is 200-250 sq.ft. (20-25 m<sup>2</sup>) per gallon (4 litres).

- Method:** - Application methods include, dip, or spray with a conventional or airless sprayer.
- Coverage** - Typical coverage is 200-250 sq.ft. (20-25 sq.m.) per gallon (4 litres).  
- Approximate coverage per 5 gal is ~800 sq.ft. (20 L is ~200 m<sup>2</sup>), or 1 gal is 150-180 sq.ft. (4 L ~50-60 m<sup>2</sup>).
- Drying Time** - @ 77°F (25°C) *The drying time will be dependent on the weight and type of fabric.*

**CAUTION:**

ALWAYS TEST BEFORE USE. Ensure adequate ventilation. Do not apply temperatures under 50°F (10°C). Do not apply to material that will not absorb the solution. Avoid contact with metals and metallic paint finishes. Avoid contact with skin and eyes. ALWAYS wear appropriate PPE, such as gloves and protective glasses. DO NOT TAKE INTERNALLY. If swallowed, drink large quantities of water. Contact a physician. KEEP OUT OF REACH OF CHILDREN. KEEP FROM FREEZING. DO NOT USE if the product freezes.



**LIMITED LIABILITY:**

The manufacturer warrants the product meets and complies with the specification and codes. The technical data are accurate to the best of our knowledge. However, no guarantee of accuracy is given or implied. Since materials treated and methods of application are beyond our control, the Customer/Applicator must determine suitability of this product for the intended use. Belvia Technologies Inc. assumes no liability for improper use or misapplication of the product. *Read and observe all recommended safety and handling procedures.*