



FIRE SAFE™ 701 FABRIC



FIRE SAFE™ 701 FABRIC is a high quality, ready-to-use water soluble fire retardant treatment for natural and synthetic fabrics. It forms a continuous glass-like layer over each fibre when applied. It intumesces in the presence of heat to create a charred insulating layer consisting noncombustable carbon with nitrogen and carbon dioxide within its structure; thus preventing oxygen from reaching the fuel source.

APPLICATION: (Read detailed application instructions prior to use)

The fabric to be treated must be free of oil, grease, dust and dirt. Always test for compatibility and colourfastness prior to full scale application of the product.

FIRE SAFE™ 701 FABRIC is applied by dipping or spraying the selected fabric. The application will depend upon the type and weight of the fabric treated. The desired **Add-on** (amount of fire retardant left on the fabric after application and drying) is generally as follows:

Wool	8-12%
Cotton	10-15%
Rayon	12-17%
Polycotton	15-20%
Acrylics	15-20%

DIPPING

After fabric has been dipped in **FIRE SAFE™ 701 FABRIC**, excess solution should be squeezed off and the material allowed to dry completely before its rolled or folded.

SPRAYING

Fabric should be sprayed on both sides to the point of saturation and then allowed to dry completely before being rolled or folded.

NOTICE:

Water resistant gloves and goggles are recommended for handling.

BENEFITS:

- Withstands five dry cleaning cycles (Note: fabrics treated with FIRE SAFE 701 FABRIC will lose their fire retardant qualities after washing or laundering in water).
- Clear and colourless
- Odourless
- Most fabrics retain original hand and feel
- Complies with the standard for flame tests of flame resistant fabrics and films, ULC S109-M1980 and CAN2-4.2-M77, method 27.1.

WARRANTY:

The manufacturer warrants that its products meet the specifications which it sets for them. The manufacturer makes no other warranties related to the product. The technical data furnished is true and accurate to the best of our knowledge, however no guarantee of accuracy is given or implied. We assume no responsibility for coverage, performance, or injuries resulted from use. Maximum liability, if any, is limited to replacement of products. Technical data are subject to change without prior notice.



Green Dolphin Systems Corp.
6305 Northam Drive, Unit 8
Mississauga, ON L4V 1W9
(905) 673-0707