



Flame Retardant Liquid

DESCRIPTION	PRODUCT NO: PN550/ PN545
<p>Flame retardant Liquid for use on Natural Fabrics and Papers that have good absorption characteristics.</p> <p>It can be applied through dipping or spraying. 1 Litre can treat 8 – 102m depending on the absorbency of the material being treated.</p>	<div style="text-align: center;">  <p>PACK SIZES: PN550 Unit: 1 Litre Packed: 6 per case</p> <p>PN545 Unit: 5 Litres Packed: 4 per case</p>  </div>
FEATURES & BENEFITS	
<ul style="list-style-type: none"> • Highly flame-retardant • Effects resistant to soaking according to BS 5651 • Effects resistant to dry cleaning in water-free systems • Generally, blooming on the fabric after curing is not a problem • After pretreatments basically compatible with softeners, fluorocarbon resins, water repellents, synthetic resins based on methylol • Dry handle without impairing the soft handle • High drying temperatures up to 170°C possible 	<p>Appearance: Clear Liquid Odour: Slight Solubility: Fully Soluble pH: 6</p> <p>Place of Manufacture: UK Export Tarriff: 3809 9100</p>
DIRECTIONS	
<ul style="list-style-type: none"> • Ensure the product is used neat and NOT diluted when treating material • Brush, dip or spray liquid onto both sides of the material • Allow to air dry for minimum of 6 hours • Test treated fabric with a small flame to ensure treatment has bonded • Once fabric has been treated, test regularly to ensure performance has not been impaired <p>TOP TIP: If the fabric has been washed or come into contact with water, re-apply the product as will leach away</p> <p>Complete our 'Treatment Certificate' and keep on file once tested</p> <p>Flame-X Flame Retardant can be used for the flame-retardant finishing of cellulosic or jute material according to the Allgemeines bauaufsichtliches Prüfzeugnis. (general site supervision certificate); the finish has to meet the requirements of the flameproof test according to DIN 4102-1, building material class B 1. The minimum add-on for CO is ca. 185 g/kg (light COfabric, 150 g/m²) or 215 g/kg (heavy CO-fabric, >150 g/m²), for JU 260 g/kg (250 - 280 g/m²).</p>	

INFORMATION ON SPRAYING APPLICATION

During the spraying of textile auxiliaries aerosols arise. They may be a potential danger for man. Therefore, spray in closed installations only, or else discharge optimally and provide for good room ventilation to avoid spreading of the aerosols in the work environment. Do not breathe in aerosols!

ATTENTION

The above recommendations are based on comprehensive studies and experience made in practical finishing. They are, however, without liability regarding property rights of third parties and foreign laws. The user should test for himself whether the product and the application are suited for his very special purposes.

We are, above all, not liable for fields and methods of application which have not been put down by us in writing. Advice for marking regulations and protective measures can be taken from the respective safety data sheet.

TECHNICAL

Flame retardant finish according to BS 5852, part 1 after soaking according to BS 5651

- Pad process 300 - 600 g/l **Flame-X Flame Retardant**
- liquor pick-up 80 -100 %
- Drying temperature 110° - 130°C
- Additional curing for effects resistant to soaking 160° - 170°C, 3 - 1 minutes

Smoke may develop during curing, therefore ensure good exhaust fan capacities and high air circulation.

Flame retardant finish without resistance to soaking

- 200 - 400 g/l **Flame-X Flame Retardant**
- liquor pick-up 80 - 100 %
- drying temperature 110° - 130°C

Heavyweight, not properly dried fabric may bloom if not cured.

Pre-trials for determining the optimum application quantity depending on the required test standard as well as for evaluating probable side effects known in the flame-retardant finish, such as colour change, influence on handle, etc. have to be carried out depending on the article.

Fabric finished with **Flame-X Flame Retardant** may cause corrosion if in constant contact with easily corroding metal parts.

HEALTH & SAFETY

For Professional Use Only

- All PPE should comply with appropriate standards and be readily available for use
- In case of accident refer to the product Safety Data Sheet for immediate first aid measures and helplines for a medical emergency

Storage

- If stored below 0°C, the product may solidify and/or change its consistency. After heating to 20° - 25°C and thorough mixing, the product can be used again without any problems
- In order to avoid quality loss, it is necessary to always close the drums after use

Contains: Inorganic and Organic Salts,
Orthophosphoric Acid

Non-Hazardous for transport. Can be freely exported.

Always read the label & product information before use