



## Flame-X Flame Retardant Liquid

DESCRIPTION	PRODUCT NO: PN550/ PN545
<p>Flame-X Flame Retardant Liquid for use on Natural Fabrics, Papers and Synthetic Materials that have good absorption characteristics.</p> <p>It can be applied through dipping or spraying. 1 Litre can treat up to 8m<sup>2</sup> (fabric absorption characteristics may vary).</p>	<div data-bbox="1114 389 1273 546" style="text-align: center;">  </div> <p style="text-align: center;"> <b>PACK SIZES:</b>  <b>PN550</b>  <b>Unit: 1 Litre</b>  <b>Packed: 6 per case</b> </p> <p style="text-align: center;"> <b>PN545</b>  <b>Unit: 5 Litres</b>  <b>Packed: 4 per case</b> </p> <div data-bbox="1027 913 1366 1285" style="text-align: center;">  </div>
FEATURES & BENEFITS	<div data-bbox="948 1317 1442 1384" style="text-align: center;"> <b>PRODUCT INFORMATION</b> </div>
<ul style="list-style-type: none"> <li>• Highly flame-retardant</li> <li>• Halogen free and non-durable</li> <li>• OEKO-TEX approved Product Class I – IV</li> <li>• Approved certified ECO-PASSPORT by OEKO-TEX (Certificate no. E1SM1RWF5)</li> <li>• Conforms to ZDHC MRSL Level 1</li> <li>• Can be used to satisfy the following FR standards:                             <ul style="list-style-type: none"> <li>NP 92-503 (M1)                                     <ul style="list-style-type: none"> <li>• EN597 Part 1/2</li> <li>• BS 7177</li> <li>• DIN 4102 B1 / B</li> <li>• FMVSS302</li> <li>• BS5867 Type B</li> </ul> </li> </ul> </li> <li>• Generally, blooming on the fabric after curing is not a problem</li> <li>• Dry handle without impairing the soft handle</li> <li>• Application levels of 5 - 20 % dry add on (substrate and FR standard dependent)</li> </ul>	
DIRECTIONS	<p><b>Appearance:</b> Clear Liquid  <b>Odour:</b> Odourless  <b>Solubility:</b> Fully Soluble  <b>pH:</b> 3-5</p> <p><b>Place of Manufacture:</b> UK  <b>Export Tarriff:</b> 3809 9100</p>
<ul style="list-style-type: none"> <li>• Ensure the product is used neat and NOT diluted when treating material</li> <li>• Shake well before use</li> <li>• Brush, dip or spray liquid onto both sides of the material</li> <li>• Allow to air dry for minimum of 6 hours</li> <li>• Test treated fabric with a small flame to ensure treatment has bonded</li> <li>• Once fabric has been treated, test regularly to ensure performance has not been impaired</li> </ul> <p><b>TOP TIP:</b> If the fabric has been washed or come into contact with water, re-apply the product as will leach away</p> <p><b>Complete our 'Treatment Certificate' and keep on file once tested.</b></p>	

Flame-X Flame Retardant can be used for the flame retardant finishing of cellulosic and synthetic materials, or a mixture of these (i.e polyester/cotton).

Product should not be mixed with any other chemicals, it should be used as a sole finishing product.

**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**

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. must 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.

**Contains:** A mixture of Isothiazolinones, Phosphates

**Non-Hazardous for transport. Can be freely exported.**

**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**

- Stable for 6 months minimum when properly stored in closed containers at 20°C
- Product is sensitive to cold below 0°C and heat above 40°C. Do not freeze
- In order to avoid quality loss, it is necessary to always close the drums after use

**Always read the label & product information before use**