



# **TECHNICAL DATA SHEET**

April 2019

Flame retardant liquid for impregnating cellulose, synthetic and wool fibres as well as their mixtures.

ARTICLE CODE

7999 0011 0000

» REMARKS

contains 1 liter

» LABELLING

non-hazardous

» FLAME RESISTANCE

DIN 4102

CLASS B1

#### » DESCRIPTION

Highly concentrated, non-halogen, skin-compatible flame retardant to finish cellulose fibres, wool, polyacryl nitrile, polyester and mixtures of synthetic fibres with cellulose fibres and wool, also Tyvek-materials (paper), paillette, Lurex materials etc.

- · Good effect with low application quantities.
- None or only minimum afterglowing.
- None or only minimum influence of product feeling with the exception of polyester or polyacryl nitrile fibres.

#### » APPLICATION INSTRUCTIONS

Flame retardant impregnation can occur by submersing, spraying, or brushing the product onto the sections to be treated. Ensure the first layer of Flamtex impregnation is completely dry before applying another layer.

### » ATTENTION

- Protect against frost.
- Use within 12 months.
- Dry at room temperature or dry artificially at max. 100° C
- There is the danger of corrosion if the product comes into contact with non-precious metals. FLAMTEX is hygroscopic. Unfavourable climatic conditions, in particular high humidity of the air, may influence the product's grip.

### » SAFETY INSTRUCTIONS

In processing with the spraying method protect face and hands (gloves, simple mask, protective goggles). If the product is sprayed generously in high concentrations additionally ensure that there is sufficient fresh air. Do not forget to wear a mask (pH 6). Cover up flooring which is sensitive to acid.

### » CONSUMPTION

The application quantity depends on the type and thickness of the material used. The highly concentrated product can be diluted with water to achieve the desired concentration. Preliminary flame tests are necessary.

For polyester fabrics, dilute the product with cold water 1:2 (1 liter of product + 2 liter of water = 3 liter in total).

For cotton fabrics, dilute the product with cold water 1/3 (1 liter of product + 3 liter of water = 4 liter in total).

## » PRODUCT

