



## Product Sheet

### Textile Coating fluorine-free

Art. No. 687-1

#### Product Description:

**Textile Coating fluorine-free 687-1** is an aqueous, room temperature curing impregnation for textiles (PES, Cotton, PA and mixtures) and paper which provides hydrophobic and oleophobic properties. The product generates a nano scale film on the surface. The coating significantly the penetration of water, soot, coffee, cola, ketchup, red wine and other staining agents. In addition the penetration of cooking fat, fuel, waste oil and dry soiling agents into the structure of the fibre is reduced and as a result many soiling agents can be easily removed. The product is completely free of fluorine and fluorocarbon (0%), it is an organical functionable Polysilane system and not declarable.

- Water borne
- Developed and optimized for highly absorbent mineral surfaces
- Reduce adhesion of microorganisms and liquids (Coffee, oils etc.)
- Excellent alkaline resistance

#### Application:

Shake well before use.

Spray on to the surface. Ensure you establish thin uniformly wet film on the surface. Fabric should be fully moistened but not "dripping wet". On wood and stone avoid drop formation or pooling. Disperse excess liquid by wiping with a cloth / micro-fibre.

Allow the surface to dry for a minimum of 12hrs at room temperature. If the ambient temperature is cooler (eg 10°C) then dry for 24 hours. All surfaces can be dried with additional heat up to 100°C if the substrate will tolerate the application of heat.

Application methods: Spray, dip or fouldard. Slight yellowing may occur on some white textiles. We recommend our 691-1X coating for white fabrics. Testing on an inconspicuous area is recommended. We recommend that rubber gloves are worn during the application process

#### Storage

24 months at a storage temperature of +5°C to 25°C. Protect from direct sunlight and frost. Ensure that container remains tightly closed.

1 litre is suitable for up to 40m<sup>2</sup>, depending on the surface structure and absorbency of the substrate. Carpets, absorbent stone etc. offer significantly lower coverage rates when compared with light silk fabrics or non-absorbent stone.

UBA-No.: 5704 0025. For further technical information: See MSDS.



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