



COATING

TANA[®] COAT SFT

Sustainable tiecoat for
flameretardant solutions

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TANA[®]COAT SFT

The next step in halogen free flame retardant coatings.

A new state-of-the-art sustainable coating compound to be used for the creation of flame retardant articles. The product will not contribute to the release of halogen components during the actual fire as it does not contain any halogens or antimony.

TANA[®]COAT SFT is a well-balanced, fully compounded polyurethane dispersion which is applied as a soft basecoat on synthetic substrates.

Due to the fact that TANA[®]COAT SFT imparts excellent flame retardant properties without halogens it is an ideal building block for the creation of flame retardant articles. Depending on the article and the requirements it could be possible that other processes need to be considered.

For example, lightweight articles based on a non-flame retardant polyester substrate (till approx. 120 g/m²) with a basecoat of TANA[®]COAT SFT and a topcoat of TANA[®]COAT MTO is already meeting the norm DIN 4102, B1.

For a water- and oil repellent post treatment we advise BAYGARD[®] EFN as this product does not have a negative effect on the final flame retardent properties.

USP's

RFU compound with excellent flame retardant properties.

Sustainable: antimony- & halogen free.

Good adhesion to PA & PES based substrates.

High solids.

Suitable for outdoor exposure.

Other properties.

- ✘ High flexibility, even under cold condition, resulting in soft articles.
- ✘ Good resistance to all weather conditions.
- ✘ Product is selfcrosslinking, however additional isocyanate crosslinkers will improve performance.
- ✘ Good digital printability.
- ✘ Excellent suitable for lightweight canopies and tents as well as workwear.



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