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## TUBICOAT AC 541

### Characterization

Self-crosslinking synthetic dispersion based on acrylate

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#### Chemical Structure

Polyacrylate

#### Supplied Form

White liquid

#### Ionic character

Anionic

#### pH Value

5.0 – 7.0

#### Specific Weight at 20 °C

Approx. 1.05

#### Viscosity

< 1000 cps

#### Storage

Protected from frost and stored in a cool place, the product will hold for at least 12 months.

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## Properties

### Film properties

TUBICOAT AC 541 forms a dry, hard and crystal-clear film. TUBICOAT AC 541 is applied for coating and finishing of textiles by means of the dipping technique. When drying at temperatures above 140°C a resistant film is formed.

TUBICOAT AC 541 can be used in formulations where high durability and washing fastness are required (tablecloths, roller blinds, etc.).

## Application

### Areas of application

TUBICOAT AC 541 is used alone as synthetic dispersion and as mixture with dispersions that form a very soft, but often very tacky film. By doing so, the hardness, elasticity and tackiness of the film or the desired properties of the finish can be adjusted very easily.

TUBICOAT AC 541 can also be used very well as topcoat because of its dry handle, excellent results are achieved with good handle even if the lower layers are soft and tacky.

After adjusting to an alkaline pH value, TUBICOAT AC 541 can be thickened with synthetic thickeners such as TUBICOAT THICKENER LP. When using thickeners on a natural basis (cellulose derivatives), we recommend first producing a stock solution and then adding the required amount of TUBICOAT AC 541.

TUBICOAT AC 541 can be applied by all common coating techniques such as knife, screen, spraying, foam or padding.

**We reserve the right to modify the product and technical leaflet.**

**Our department for applied technique is always at your service for further information and advice.**

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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