

---

## TUBICOAT PU 45

<b>Chemical Structure</b>	Dispersion of aliphatic polycarbonatediol polyurethane
<b>Appearance</b>	White liquid
<b>Ionic Character</b>	Anionic
<b>pH-Value</b>	8.0 – 10.0
<b>Stability</b>	TUBICOAT PU 45 is very sensitive to frost; temperatures around the freezing point cause irreversible changes.  Product is sensitive to temperatures above 30 °C.
<b>Storage</b>	With a proper storage at 25 °C, in closed original containers, the product holds for at least 12 months.

---

### Properties

TUBICOAT PU 45;

- forms very hard, UV resistant, non-tacky films,
- does not contain organic solvents,
- is easy to colour and compatible with many auxiliaries.

### Application Technique

TUBICOAT PU 45 is recommended to be used for coating of following materials:

- woven and knitted fabrics
- bags and suitcases
- footwear materials

TUBICOAT PU 45 is suitable to blend with

- acrylate dispersions
- aqueous silicone dispersions

to achieve special effects. We recommend to do pretrials to check compatibility before industrial applications.

Polyacrylic based thickeners (eg. TUBICOAT VERDICKER LP or TUBICOAT VERDICKER ASD with ammonia) are used to thicken TUBICOAT PU 45.

TUBICOAT PU 45 is suitable to be applied by all coating techniques (blade, screen etc.)

### **Drying / Fixing**

We recommend drying above 140°C to obtain optimum fastness results.

While using with acrylate and silicone dispersions, drying/fixing conditions should be adjusted accordingly.

**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.

**Edition:** June, 2024.

CHT GERMANY GMBH, P.O. Box 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: [info@cht.com](mailto:info@cht.com), homepage: [www.cht.com](http://www.cht.com)

CHT TURKEY KİMYA SAN. TİC.A.Ş., Akçaburgaz Mah. 3118. Sok. No:2 Esenyurt/İstanbul, Tel: :+90 212 886 79 13, Fax:+90 212 886 93 47,

Email: [info.turkey@cht.com](mailto:info.turkey@cht.com)