



**CARPET PROCESSING**

# **Carpet Finishing**

Endless possibilities to  
add value to your carpet

[WWW.TANATEXCHEMICALS.COM](http://WWW.TANATEXCHEMICALS.COM)

**TANATEX<sup>®</sup>**  
CHEMICALS 

**TANATEX Chemicals develops, produces and sells textile processing solutions for high-quality carpets. We provide a full range of products for use in dyeing, screen printing, Valve Jet printing and finishing of carpets.**

TANATEX presents its finishing range especially for carpet processing.

#### **Anti-soiling and Oil & Water Protection**

Carpets need protection not only against aqueous liquid or fatty substances, but also protection against so-called dry-soil.

With its **BAYGARD®** range TANATEX offers a whole spectrum of soil release and water and oil repellency auxiliaries based on C6 chemistry for the carpet industry.

- \* Carpets treated with **BAYGARD® EP 3001** show a high level of water- and oil repellency, as well as good dry soil release effects.
- \* The economic **BAYGARD® EP 3019** shows good effects in water- and oil repellency.
- \* The well-known **BAYGARD® AS** (FC free) guarantees good dry soil release effects.

All products can be used with different application techniques as well as different fibres (PES, PP, PA, WO etc.).



Figure 1: Dry-soil release

#### **Stain Protection**

Our **BAYPROTECT®** products offer stain and chlorine stain protection. Spilling food and drinks which contain acid dyes often leave a mark on PA carpets. Standard stain blocker systems based on tannins provoked known negative side-effects (strong shade change, negative influence on light fastness).



Figure 2: Water and oil repellency

- \* With **BAYPTOTECT® SR** we overcome these negative side effects by using different chemistry including antioxidants.
- \* **BAYPROTECT® CL** offers protection against oxidative stains and cleaning agents.

*Depending of requirements, effects can be combined. Products can be applied by spray, foulard or other continuous process.*

### Aromawellness and Scenting Finishes

The **BAYSCENT**<sup>®</sup>-range is the innovative and up-market product line of special finishes by TANATEX Chemicals. The finishes are based on micro-encapsulated essential substances, which on release reinforce harmony and wellbeing of body, mind and spirit. The capsules release the beneficial essences gradually to ensure maximum effect of the special properties.

The most commonly used essences for carpet are **BAYSCENT**<sup>®</sup> **Neutralizer** as well as **BAYSCENT**<sup>®</sup> **Lavender** and **BAYSCENT**<sup>®</sup> **Rose**.



### Moth- and beetle proofing agent

Moths and beetles can rapidly cause unrepairable damage to carpets of wool, wool blends and other animal hairs.

**EULAN**<sup>®</sup> **SPA 01** is highly effective against Tineola/Tinea (moths), Arthrenus (carpet beetles), Attagenus (for beetles) and Hofmannophila pseudospretella (false clothes moth).



Wool treated with **EULAN**<sup>®</sup> **SPA 01** as instructed in the guide recipe meets the requirements set by the Woolmark Company, GuT and Wools of New Zealand (except in Australia).

### Antistatic agents

Undesirable electrostatic discharge on fabric causes not only nuisance but also hazards in some cases. Our **TANASTAT**<sup>®</sup> range holds our permanent antistatic agents. The treated fabric is highly anti-static, protected against static electricity and shows high breathability. It enhances sewing efficiency and abrasion resistance and can be used for flat fabrics made of all fibres and fibre blends and is suitable for both pad and exhaust applications.



With **TANASTAT**<sup>®</sup> **HA** and **TANASTAT**<sup>®</sup> **WP** TANATEX offers two antistatic agents for carpet application.

### Softener

Different softeners are used on carpet, but most of the products have negative effect on the dry soil release effect. **Persoftal Nano Sil** shows excellent softening but minimum negative effect on staining.

*All the mentioned auxiliaries are the main focus products used for carpet finishing. Of course TANATEX with the long textile experience can offer much more products normally used for textiles to the carpet industry. On our web site you can find the whole range: [tanatexchemicals.com](http://tanatexchemicals.com).*



**TANATEX Chemicals B.V.**

Einsteinstraat 11  
P.O. Box 46  
6710 BA Ede  
Netherlands

Telephone: +31 318 67 90 11  
Fax: +31 318 63 02 36

E-mail: [info@TANATEXchemicals.com](mailto:info@TANATEXchemicals.com)  
[TANATEXchemicals.com](http://TANATEXchemicals.com)