

Beyond Surface Technologies launch MiDori® E05

Beyond Surface Technologies AG, (BST) launched the first in a line of truly sustainable effects for textile surfaces based entirely on natural substances derived oil seeds originating from industrial crops.



The first product in the family is MiDori® E05, a natural hydrophilic polymer based entirely on natural substances, providing a durable, natural soft handle keeping the wearer comfortable, cool and dry. Furthermore MiDori® E05, is now GOTS approved and not required to be regulated under REACH, providing unprecedented product stewardship advantages.

"We look at sustainability from a number of different angles, the source of the chemistry used, the impact of the technology in processing and the effectiveness of the chemistry for improved durability and performance for the final end-product.", says Lee Howarth, Head of Marketing and Sales at BST.

"MiDori fits perfectly with the vision of what BST is striving to achieve, "the use of sustainable technologies to obtain high-value effects demanded by consumers". For the first time MiDori® provides the opportunity to have performance with sustainability, no longer one at the expense of the other."

MiDori® E05 is ideally suited for use on natural fibres and synthetic blends of cotton, linen and wool to enhance or retain the soft natural feel of the substrate.

MiDori biopolymers are based entirely on a renewable, 100% natural source of non-food seed oils providing a truly sustainable alternative to petrochemical feedstocks, with significantly reduced carbon footprint and water consumption in production. In addition to the planned range of handle modification products, coating products and hydrophobic agents are being developed.

Courtesy: Beyond Surface Technologies.

Lurotex® Duo System: BASF's new textile finishing systems

ASF is launching two new fluorocarbon finishing systems - one for stain repellent and one for stain release - under the name Lurotex® Duo System. Both of them are made up of two components: a Lurotex® fluorocarbon finish based on advanced C6 technology and a unique Perapret® booster, which has been specially developed to enhance the performance of the Lurotex® fluorocarbon finish. The Lurotex® Duo Systems protect textiles, such as clothing, home textiles and upholstery from soiling and staining and keep them spotless. Moreover, customers can meet the latest as well as future ecological requirements.

The duo boosts the performance: two is better than one Lurotex® Duo Systems are combinations of Lurotex® fluorocarbon finishes based on advanced C6 technology and a unique Perapret® booster, which has been specially developed to accompany the Lurotex® fluorocarbon finish that enhances the spotless effect:

❖ **Lurotex® Duo System for stain repellent:** Lurotex® Protector RP ECO based on C6 technology + Perapret® Booster XLR

❖ **Lurotex® Duo System for stain release:** Lurotex® Protector RL ECO based on C6 technology + Perapret® Booster XLR.

It is these "duos" that improve the performance whether for stain repellent and stain release. Compared to current fluorocarbon finishes, the durability of performance is enhanced while retaining the soft handle and highest degree of whiteness. The Lurotex® Duo Systems are also versatile in application, as they can be applied to cellulosic fabrics, such as cotton as well as synthetics and their blends.

The new Lurotex® fluorocarbon finishes are based on C6 technology. Compared to products based on the current C8 technology, the trace of PFOA (perfluorooctanoic acid) is reduced to below the level of detection with state of the art analytical methods. "This will support customers, as well as retailers and brands in meeting the latest and future ecological requirements," explains Janardhanan Ramanujalu, Head of Global Business Management Textile Chemicals at BASF. Lurotex® Duo System is yet another example of our contribution to Putting *FUTURE into Textiles.* ♦

Huntsman Textile Effects introduces its new chrome free dye range for wool

Huntsman Textile Effects recently presented the new LANASOL® Blacks range of chrome free dyes for wool and other fine animal fibers. LANASOL® Black dyes are applied by a simple and robust dyeing process which ensures excellent reproducibility and significantly shorter processing, making them more economical than chrome dyes. Complementing the black dyes is MIRALAN® LTD, the first low temperature dyeing auxiliary which facilitates the application of LANASOL® Black dyes for deepest black shades at reduced temperature and shorter dyeing times with minimal fiber damage.

The frequently heard arguments that deep black shades are not achievable with metal free dyes are history. LANASOL® Blacks can and do produce the same or even deeper black shades than the mordant blacks. With a long history in the wool market, Huntsman Textile Effects produces a range of reactive dyes for wool with high fixation and satisfactory levelness that match and exceed the qualities of chrome dyes. These dyes further excel through their full compatibility with other dyes in the range for optimum levelness and shade reproducibility.

Four different blacks in the LANASOL® range, Black CE, Black CE-PV, Deep Black CE-R, and Deep Black CE-2B cover the spectrum of shades, giving dyers the power and flexibility to make the right match for every requirement with the ideal fastness thereby rendering chrome dyes obsolete.

MIRALAN® LTD is the innovative new auxiliary for the LANASOL® Blacks range. Using MIRALAN® LTD has proven in industrial tests to help save both cost and time with enhanced performance of the dyes. ♦

