



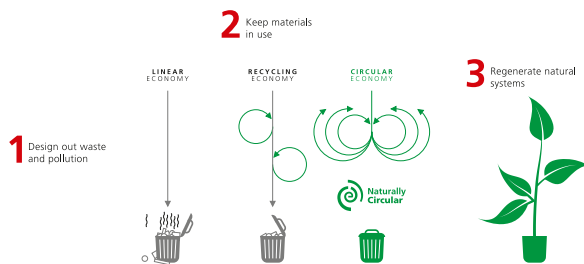
UniNATURE – RethINK SOLUTION

for Paper & Board Applications

Your circular packaging solutions partner

Under the motto **“rethINK packaging”**, Siegwerek is focusing on its efforts to help shape the future of packaging for a circular world. As one of the world’s leading ink manufacturers Siegwerek is committed to the principle of sustainability: achieving a sensible balance between ecological, social and economic needs without compromising the resources of future generations.

Creating circularity is key to sustainably shape the future of packaging. Thereby, inks and coatings play an essential enabling role supporting all levers of a Circular Economy. A Circular Economy is based on the three principles of designing out waste and pollution, keeping products and materials in use, and regenerating natural systems.



The Siegwerek Paper & Board team has been researching sustainable product solutions for more than 10 years. We have already been able to offer you very good product solutions as intermediate steps.

Now we are ready for the future! Our new sustainable ink series UniNATURE meets the requirements of brand owners and packaging converters.

UniNATURE – the best for your products

Paper is a material based on renewable resources and is one of the most recycled packaging materials globally. Paper’s renewability and recyclability provide the inspiration for our work.

UniNATURE products are formulated with a high Bio Renewable Content (BRC). The BRC content is calculated by comparing new carbon content to total carbon content, according to ASTM 6866 method.

The UniNATURE products are extenders and technical varnishes intended for use with UNIBASE and Uni T products.

Solution Benefits

- Easy to exchange with current products, no need to change equipment, processes or colormatches
- Performs to similar levels of resistance as current technology
- Excellent ink performance
- Very good color strengths
- High printing-speed for efficient print runs on coated and uncoated papers
- Easy cleaning on press & high resolubility
- Improved dot shape, comparable dot gain

The UNIBASE products are monopigmented concentrates with a low VOC content. Uni T are highly concentrated bases especially for products demanding food contact applications where compliance with BFR (Federal institute of risk assessment) opinion 021/2014 regarding PAA’s (primary aromatic amines) is required for example napkins and bakery bags.

UniNATURE is a further realisation of Siegwerek’s commitment to enabling a circular economy.



The path to UniNATURE



UniNATURE offers support for a range of printing and packaging applications from the Paper & Board portfolio.

The Paper & Board portfolio continues to evolve. There remain many unexplored opportunities where the scope of paper packaging could offer a viable substitution for plastic packaging. Corrugated board is considered a sustainable solution for the future, just like UniNATURE, – contributing to the defossilisation of packaging.

UniNATURE is applicable for many paper & board applications – corrugated board boxes, trays and displays, fast food packaging, paper plates and cups and wraps. Your Siegwerk representative will be happy to provide you with any further information.

Have you heard about our natural, sustainable and functional barrier coatings? UniNATURE combined with our barrier coatings form a sustainable solution.

Product Safety

Siegwerk provides its customers safe ink solutions.

Siegwerk is committed to full compliance with the EuPIA guidelines and adheres to the GMP (Good Manufacturing Practice) recommendations. Siegwerk has implemented a comprehensive global raw material introduction process. It is based on a centrally coordinated approval for each raw material via our Product Safety Department, which operates on a worldwide basis. Further processes, including our global formulations guidelines, ensure safety when formulating Siegwerk inks. Publication of product details and training on han-

dling inks, compliance with brand owner requirements, active association work in the field of product safety, as well as the provision of tools show that we are taking responsibility for our products.

By providing a combination of best-in-class ink performance, high product safety and a holistic understanding of packaging, Siegwerk is always supporting its customers to address upcoming trends by meeting their individual needs with cutting-edge ink solutions and service.

INK, HEART & SOUL

● *Production of water-based print inks
for Paper & Board applications*



High performance print inks for Paper & Board

Siegwerk is an international, market-leading manufacturer of print inks for all kinds of packaging. For Paper & Board applications, Siegwerk offers flexographic inks for all standard forms of packaging – from corrugated cardboard to carrier bags and bags, tissues and serviettes to beakers and displays. Wrapping paper and shopping bags can also be printed excellently with the print inks from Siegwerk.

The user-friendly ink series reduces wash intervals, creates brilliant print results even at high speeds, and allows for easy print ink management. Alongside the very broad spectrum of varnishes and high-concentrate print inks, the additional positive features include high productivity.

www.siegwerk.com

