

NARROW WEB

News for label printers · BU Narrow Web · EMEA Edition



Siegwerk acquires from SCHEKOLIN Ltd. the plastic packaging division PTL (Plastic Tubes & Laminates)



25–28 September 2017
LABELEXPO EUROPE 2017
 Welcome to
Siegwerk Booth 6 A 17



In doing so, Siegwerk strengthens its position as a complete provider of packaging applications and further expands its portfolio of UV inks and varnishes.

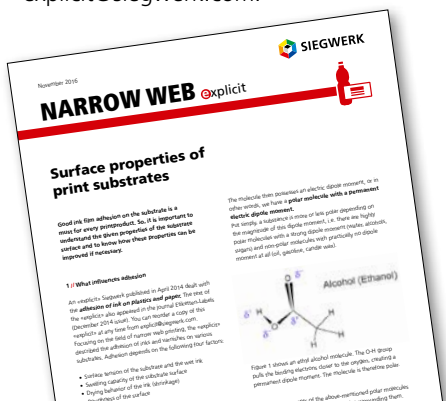
Schekolin Ltd. in Liechtenstein is a leading provider of lacquers for plastic packaging. The specialized UV varnishes can be used for a variety of laminates and tubes made of carrier materials such as PE, PP, ABS, PC and PS.

Michael Müller-Samson, head of the business division Narrow Web EMEA at Siegwerk, explains: «The acquisition of the plastic packaging division completes our portfolio of UV hardening products and we can expand our product palette for customers looking for special solutions for high-quality packaging.»



The Impact of Substrate Surface on the Adhesion

In a new «explicit» from Siegwerk, the term «polarity» and its relationship with the surface tension is explained. Without special handling (e.g. Corona pre-treatment), the plastic foils used in narrow web printing can hardly be printed due to the poor adhesion of the inks. Upon request, your Siegwerk application technician will be happy to hand you this «explicit» upon request, or else just send an email with your request to explicit@siegwerk.com.



SICURA Nutriplast 2 – a new Low Migration UV Offset Series for Plastics

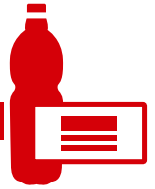
Process: UV offset
Application: Food packaging, labels, IML, sleeves, tubes
Series: SICURA Nutriplast 2

The ideal solution for printing on impervious substrates for food packaging, labels and other delicate applications.

The unique and **outstanding adhesion** is the highlight of this series. The inks are especially developed for printing of self-adhesive labels, wrap around labels, sleeves, in-mould labels, tubes or metallized folding boxes. They are compliant with all relevant regulations, such as the EU Plastic Regulation, as well as brand owners such as Nestlé, and are manufactured following strict processes without any compromises on adhesion and printability.



Ask for the product flyer at info@siegwerk.com.



A New Siegwerk Initiative: Complete Information for Product Safety

Siegwerk has developed its own label – the Transparency Label. Above all, the label stands for uncompromising proactive transparency and shared responsibility by Siegwerk, thus enabling risk and compliance assessments along the packaging supply chain. Siegwerk fully enables its customers to print safe products by providing the required information including Technical Data Sheets (TDS) and Statements of Composition (SoC). The Transparency Label makes sure that Siegwerk delivers what it promised.

This means that Siegwerk inks are based on properly selected and thoroughly controlled raw materials, are compliant with individual brand owner requirements, are compliant – in case of food (and related) applications – with food safety requirements and are manufactured according to Good Manufacturing Practice.

The Transparency Label philosophy applies to every product that Siegwerk is manufacturing

Scope of applications:

	Non-food	Food-alike
Raw material introduction process	✓	✓
Raw material purity analysis	✓	✓
Strict selection of raw materials for food packaging		✓
Formulation guidelines depending on applications and regions	✓	✓
Good Manufacturing Practices (GMP)		✓
Failure Mode & Effects Analysis (FMEA)		✓
SoC: fully detailed even for UV products		✓
TDS	✓	✓
Regulatory compliance	✓	✓
Specific Brand-Owner regulation compliance	✓	✓
Customer support and training	✓	✓
PS&R and analytical support & training	✓	✓



Transparency will be implemented for all applications, whether food, food-equivalent or non-food on an as needed basis. The approach with Statements of Composition (SoC) has been implemented long ago for Siegwerk inks but Siegwerk is the first printing ink manufacturer to implement such a high level detailed SoC for UV products for food (and related) applications.

By means of the SoC, Siegwerk discloses confidential facts and provides its customers with all relevant information on potentially migrating substances in its printing inks, varnishes and primers.

The SoC state the chemical identity of relevant migrants, including specific migration limits (SML) as well as maximum percentages in dried ink layers. As this information is confidential, the printer has to sign a non-disclosure agreement. Furthermore, the printer can use this information to draft his own declaration of conformity for his packaging materials – which he can give to brand owners, for example.

New Daylight Fluorescent Inks

Process: UV offset printing

Application: Commercial printing

Series: SICURA Litho Fluo

Extremely color intensive and fluorescent – free of formaldehyde!

Flashy yellow, orange, red or green; fluorescent action in the Pantone colors 801 to 807. The new inks are formulated to appear even stronger and **contain no formaldehyde** (< 0.1 %). With very good printability on papers and selected plastics, the new generation of fluorescent inks is also distinguished by optimal flow properties and rapid curing.



Left: as before, right: new