

# NARROW WEB

News for label printers · BU Narrow Web · EMEA Edition



## «Welcome to Labelexpo»

Visit us at the Siegwerk stand A 17 – We look forward to it!

### Our Range of Low Migration Ink Systems

**SICURA Nutriflex 10** – excellent flow and adhesion properties. The majority of all narrow web applications in the food industry can be realized with this established UV flexographic series.

**SICURA Nutriflex LEDTec** – an impressive low migration series for UV print machines using modern UV LED technology.

**SICURA Nutriboard 2** – prints excellently on paper and cardboard and on selected plastic substrates by UV offset printing. Used for demanding applications, such as fruit juice or dairy product packaging.

**SICURA Nutriplast 2** – next generation UV offset series for diverse plastic substrates. Low migration, hardly perceptible odor, and excellent adhesion properties.

**SICURA Nutriscreen** – newly developed silicone-free screen printing white for

self-adhesive labels in the food industry. This white prints very well together with all products from the SICURA Nutri series.

**SICURA Nutriflex PRO** – the newest development for low migration UV flexographic inks, specially tailored to the needs of label and sleeve manufacturers for applications in the food industry.

In addition to the proven SICURA Nutri family of inks, Siegwerk also offers a broad range of varnishes, primers, laminating adhesives and metallic inks.

## Siegwerk is the First Printing Ink Manufacturer to be awarded «Cradle to Cradle Gold» status

With its new, low migration UV offset ink series SICURA Litho NutriEco, Siegwerk has once again proven its leading role in product safety and sustainability.



From left: Lewis Perkins, President Cradle to Cradle Products Innovation Institute; Albin Kaelin, CEO EPEA Switzerland; Jörg-Peter Langhammer, Vice President Global HSE & Sustainability at Siegwerk; Reinhard Schneider, CEO and owner of Werner & Mertz GmbH.

At the Cradle to Cradle® Expert Talks in Vienna, May 2017, Siegwerk's new SICURA Litho NutriEco UV offset series was awarded the certificate «Material Health Certification GOLD» by the Environmental

Protection Encouragement Agency (EPEA). Thus, with this UV ink system including overprinting varnish, Siegwerk is the first printing ink manufacturer to offer a UV offset series suitable for food applications that meets the strictest product standard of international environmental research. In the scope of its ink development project, **Siegwerk collaborated closely with Werner & Mertz GmbH in Mainz, Germany**, an innovative brand manufacturer that now uses the new, sustainable UV offset series for printing its labels.

Cradle to Cradle is concerned primarily with the safe and uninterrupted circulation of materials in closed-loop cycles. With its Gold certification, the Cradle to Cradle Institute in San Francisco, USA, confirms the adherence to strictly defined assessment criteria for all components and ingredients in the printed ink layer and the corresponding product.



### The needs of future generations in mind

- As a family-run business, Siegwerk is always thinking of the generations to come
- Our printing inks are environmentally compatible and user-friendly
- We offer the widest range of low migration UV inks
- We develop printing inks together with our customers – and this with heart and soul





## SICURA Nutriflex PRO – the new LM UV Flexographic Series

**Process:** UV flexographic printing

**Application:** Labels, sleeves, food packaging

**Series:** SICURA Nutriflex PRO

Specially tailored to the needs of label and sleeve manufacturers for applications in the food industry.

With Nutriflex PRO, Siegwirk presents at the Labelexpo a major innovation in its product portfolio. By using the latest generation of raw materials, **the adhesion properties of these inks have been optimized** to reach the adhesive performance of the non-LM series. Color intensity, flow properties, and reactivity are also excellent, thus allowing high machine speeds to be reached.



**See you in Brussels**  
Siegwerk invites its customers to a party at the Labelexpo stand On Tuesday, 26 September, 5.30 pm. Welcome to stand 6 A 17

## New: Effect Pigments that produce White when printed together

**Process:** UV flexographic printing

**Application:** Labels

**Series:** SICURA FLEX RGB

These new pigment inks are now available for UV flexographic printing.

In close collaboration, Siegwirk ink engineers and a team of developers from the Merck Group in Darmstadt have succeeded in producing pigment inks for UV flexographic printing that work on the principle of additive color mixing. **When these red, green and blue pigments are printed together onto a black substrate, they produce the color white.**



Printed with the new RGB pigment inks

Visit Labelexpo in Brussels, and come to the Siegwirk stand 6 A 17. Let the print samples of this attractive innovation inspire you.

## SICURA 39-8 and SICURA Nutriflex 10 Now HD Flexo certified



The revised four-color series SICURA 39-8 HC E03 and SICURA Nutriflex 10 HC E01 allow printing in HD Flexo quality.

A whole new level of standard has been set with HD Flexo. When it comes to high-quality labels, flexographic printing can now even compete with offset. Selected parameters, such as printing plate and anilox roller, allow the reproduction of the finest halftones and thus the presentation of high-contrast details.

During preparation, it is necessary to select the right anilox roller and screen ruling for the print and to determine the minimum dot size.

Consult your Siegwirk application technician to learn more.