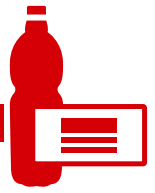


# NARROW WEB

News for label printers · BU Narrow Web · EMEA Edition



## New Low Migration inks for extruded tubes

*Process: UV dry offset / UV letterpress printing*  
*Application: Tube laminates, extruded tubes, plastic films*  
*Series: SICURA Nutritube*

**This new tube series was developed specifically for UV dry offset and UV letterpress printing.**

The series is color intensive, highly reactive, has outstanding adhesion properties and excellent flow. In particular, these inks withstand high mechanical stresses such as creases and scratches without any

problem. **The series also has very good chemical resistance.** This is essential for cosmetic and pharmaceutical filling materials, as well as for foodstuffs. The series is therefore ideal for printing on pre-extruded tubes.

In combination with the varnishes developed specifically for PTL (Plastics, Tubes, Laminates), Siegwerk therefore offers a complete range of inks and varnishes for the manufacture of tubes for pharmaceuticals, cosmetics and foodstuffs.

## Excellent water-based primer for food packaging

*Process: Water-based flexographic printing*  
*Application: Labels, food packaging*  
*Product number: 10-617839-5 WB ALUPRIMER WR*

**A very effective primer for aluminum blister packs, the composite materials PET-Alu-PE and other complex combinations of plastic films.**

The primer provides excellent results on PET composite materials, PP, OPP, PE and top-coated aluminum. It optimizes in particular the adhesion of UV inks on the aforementioned materials. Due to its smooth surface, it can be overprinted without any problems and is easy to process. **This primer is a new development and can be combined with all UV flexographic printing series.** It also exhibits excellent water resistance, which is essential in the case of damp storage or the formation of condensation. The primer conforms to EU directives concerning package printing and GMP in accordance with EU 2023/2006.

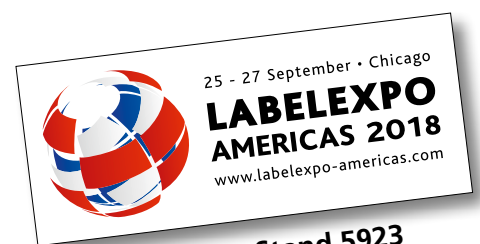
## New Health and Safety information on EDB, EHA and 4-PBZ

Following the REACH registration, new toxicological data have been issued leading to the reclassification of some photoinitiators usually used in UV inks and varnishes.

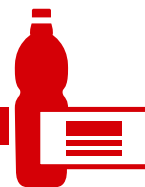
After the reclassification of the Omnirad 369, there is now concern about the Ethyl 4-(dimethylamino)benzoate (EDB), the 2-Ethylhexyl 4-(dimethylamino)benzoate (EHA) and the 4-Phenylbenzophenone (4-PBZ). These three substances are reclassified as **toxic to reproduction category 1B** and as a direct consequence are now subject to the EuPIA Exclusion Policy.

The recommended substitution period of six months will run until end of **November 2018** for the EDB & EHA and somewhat later for the 4-PBZ.

As usual Siegwerk has taken all necessary action to reformulate inks and varnishes without these raw materials.



**Visit us at Stand 5923**



## New high gloss offset metallic series – 369-free

**Process:** UV offset

**Application:** Packaging, commercial

**Series:** SICURA Litho Metal

**Product numbers:** Rich Gold 71-400068-4,

Rich Pale Gold 71-400070-0,

Pale Gold 71-400072-6, Silver 71-400080-9

Brilliance and high curing level, due to new components. SICURA Litho Metal produces a superb metallic effect.

This new UV series of inks «ready to use» is designed for the production of metallic shades. The series is Omnirad-369 free, but also free of EDB and EHA, and the replacement of these photoinitiators has been achieved **without compromise on the reactivity and the printability**. The inks are easy to handle; they are very glossy, offer lovely brilliance and are characterized



by high opacity and excellent coverage. Superior transfer quality and stability are further benefits of this series. Substrates will be all papers and boards as well as a wide range of pretreated materials.

Give your prints and packaging an enticing appearance with these beautiful gold and silver shades.

## NEW: SICURA Nutriflex LEDTec Screen Imitation White

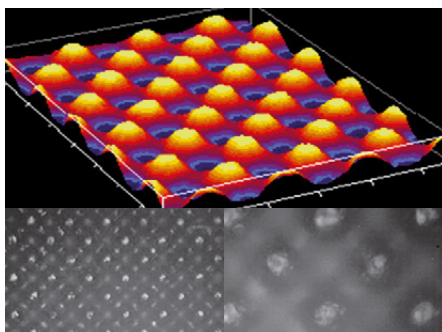
**Process:** LED UV flexographic printing

**Application:** Sleeves, food packaging, labels

**Series:** SICURA Nutriflex LEDTec Screen Imitation White

**Product number:** 81-81-010507-2

An excellent UV Flexo White which is in no way inferior to screen printing.



Its opacity is practically as good as screen printing white, but it is designed for flexographic printing. A completely opaque ink surface is achieved, while a **print speed of over 100 m/min can be reached**. This is naturally more efficient than the screen printing process and spares the screen printing unit.

Printing with this new UV flexographic white requires, however, special anilox rollers, as for example ART rollers from PRAXAIR Surface Technologies.

The new white is compatible with existing basic colors and the scale colors of Nutriflex LEDTec.

## We are pleased to welcome ...



**Jordi Estop** as new Sales Manager for the Iberian region for both business units Sheetfed and Narrow web. We wish him every success in his new task.  
jordi.estop@siegwerk.com

**explicit** Technology in detail

## The revised «explicit» for sleeves is now available

What are the suitable substrates and what ink systems are suitable? What migration risks need to be considered and what role does opaque white play?

The new «explicit» can be ordered via [explicit@siegwerk.com](mailto:explicit@siegwerk.com).

