SIEGWERK

Narrow Web

NEWS FOR LABEL PRINTERS

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New UV Flexo White for sleeves

Process: UV flexographic printing
Application: Sleeves
Product No.: 81-010287-1
Flex White Sleeve 0003

This newly developed white stands out for exceptional opacity, excellent scratch resistance and very good printability.
The high opacity at low viscosity is achieved by combining special raw materials with a highly opaque pigment. At the same time, the formulation ensures low COF values to allow **smooth slipping of the sleeve over the container.**
Select the UV Flexo Standard White for containers that fulfill a barrier function. For containers without a barrier, Siegwerk will soon offer a migration-optimized white from the SICURA Nutriflex family.

Customer Guidance: Printing Inks for Food Packaging

The revised guide provides useful information on product safety and legal issues relating to food packaging.
Unlike the first issue of the guide, which was already popular with our customers, the revised guidelines also deal with all applicable regulations and laws worldwide.

The guide is currently only available in English. To view and download the guide, click on siegwerk.com.

Water-based soft-touch overprint varnish

Process: Flexographic printing
Application: Labels
Product number: 10-604727-7
WB TOB OPV Soft Touch

This new overprint varnish for self-adhesive labels creates a very special, pleasant feel of silky-soft peach skin.

The varnish is of low viscosity and therefore excellently suited to use on flexographic printing and coating units. It stands out for **very good abrasion resistance, does not foam and does not yellow.** An excellent overprint varnish for lending labels an especially tactile and visually appealing effect. The varnish is especially suited to use on papers and selected plastic substrates, and is also approved for food applications. For strongly absorbent papers, it is recommended to prime with transparent white.

New Siegwerk product designations

In the scope of the global realignment of the business units Sheetfed & Narrow Web, Siegwerk will unify the series designations of certain ink systems.

Opposite, you will find five important examples of series designations that will be harmonized in the scope of the global naming concept. New is that all low-migration products and series will bear the prefix «Nutri». That makes them immediately identifiable as products suitable for food applications.

You can obtain the full list of our series designations either from your Siegwerk application technician or from our website at siegwerk.com.

Former designation:	New designation:
SICURA Plast	SICURA Litho Plast SP
SICURA Plast Nutritec	SICURA Litho Nutriplast
SICURA Flex 39-10-LM	SICURA Nutriflex 10
SICURA Flex White LM	SICURA Nutriflex White
SICURA LAB OPV Flexo	SICURA Flex OPV

GHS labeling – obligatory starting mid-2015

GHS = Globally Harmonized System of classification and labeling of chemicals.

GHS is an internationally agreed and globally applicable classification method developed by the UNO, featuring uniform pictograms intended to minimize the dangers to human health and the environment during the production, transport and use of chemicals. GHS has been in force for pure substances (such as alcohol) since December 2010, and **will also apply to mixtures (such as blends, printing inks, varnishes) starting 1 June 2015.** The former symbols have been replaced by danger pictograms.

For Siegwerk, this was an opportunity to revise its own labeling concept and to design a new, attractive layout for labeling its ink containers.

Shelf life of UV inks

(Excerpt from an «explicit» on this topic)

Given their chemical reactivity, UV colors are more susceptible to premature aging than conventional inks.

Irrespective of the printing method, the production date is usually printed onto the printing ink containers. **Generally, a shelf-life of 12 months is guaranteed,** provided the ink is transported and stored according to the manufacturer's specifications.
Just as foods can still be edible for several days or weeks after their use-by date, a printing ink can generally still be used for a certain time after its expiry date.
If, after stirring, the UV ink appears homogeneous, has no lumps at all and exhibits the same viscosity as fresh ink, then the ink can be used for printing. If, on the other hand, the ink has become viscous or rubbery or if any lumps are present, then it must be disposed of.

Ask your Siegwerk application technician to send you the detailed **«explicit» on the topic of the shelf-life of UV inks.**

New low migration UV Laminating Adhesive

Process: UV flexographic printing
Application: Laminated labels for food packaging
Product number: 85-600778-6
Laminating Adhesive 39-10 LM 2K
Curing agent: 71-470074-7 LM 90 (2–4%)

This migration-optimized, 2-component laminating adhesive has been specially developed for food labels.

Conventional UV laminating adhesives typically contain mono- and diacrylate in the binder, and are therefore hardly able to fulfil the legal regulations on food packaging. **The new 2-component UV laminating adhesive from Siegwerk stands out for minimum migration potential, while its laminating performance exceeds that of single-component systems.** It is used for inline lamination of self-adhesive polyethylene and polypropylene laminated films printed with inks of the UV series SICURA Nutriflex 10. For better machine running, the laminating adhesive can be heated to up to 50 °C.