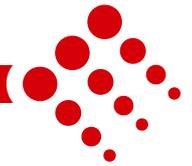


# UPDATE

News for offset printers · BU Sheetfed · EMEA Edition



## Convincing upgrade of TEMPO Plastoffset 2 Premium

**Process:** Conventional sheet-fed offset

**Application:** Packaging, IML

**Series:** TEMPO Plastoffset 2 Premium

The ideal solution for applications on non-absorbent substrates such as in-mould and metallized labels.

It's always annoying when printing inks do not adhere properly to non-absorbent substrates. **The adhesion properties of the upgraded TEMPO Plastoffset 2 Premium series are excellent.** Due to a stable water-ink balance, the obtained printing productivity is remarkable. The better drying characteristics avoid set-off risks and reduce time between end of printing and post-printing operations. No substrate distortion and perfect positioning in the mould in case of IML applications. Furthermore, the series is optimized with regard to migration and residual odor. Available in 4 process colors; in the coming weeks, the range will be completed by concentrated mixing bases. Their availability will be confirmed shortly.



## Latest generation analysis system for testing low migration

As the leading manufacturer of low-migration ink systems, Siegwirk consistently ensures its printing inks are reliable and safe in every respect. Every production batch of low-migration UV inks of the NUTRI range is individually checked. **Chromatographic batch testing detects whether potentially migrating substances are accidentally contained in the ink and exhibit a so-called peak.** If a peak value of a migrating substance appears, then the entire production batch in question is taken out.



One of several LC mass spectrometers for migration analysis.

## We are pleased to welcome...



**Christian Schmidt** as our new Field Manager Sheetfed North Germany. He took up his duties on 1<sup>st</sup> of July.



## More than 700 visitors attended the IST UV DAYS 2015

It was the 14<sup>th</sup> UV technology event organized by IST in Nürtingen/Germany (on 15–18 June). With some pride, Siegwirk presented its bestsellers among the low migration ink systems for printing food packaging and labels:

- The UV offset series **SICURA Litho Nutriboard** (for paper and selected films) and **SICURA Litho Nutriplast** (for plastics);
- The UV flexo series **SICURA Nutri-flex 10** and **SICURA Nutriflex 20** for very demanding applications;
- The emerging UV Low Energy & LED systems.



## Siegwerk's most important UV overprinting varnishes

The advantages of UV varnishing are the appealing finish of the printed product and the increased protection it provides. In general, the UV varnishes in the SICURA overprinting varnish product line are highly reactive and extremely resistant. They are available in different gloss levels (glossy, semi-gloss and mat) and for a wide variety

of applications. The overwhelming success of the SICURA overprinting varnishes is primarily due to the fact that its outstanding effect and high level of resistance are achieved without any compromises in machine speed or user friendliness.

Reference	Type	Specific characteristics	Substrates	Slip level	Hot foil stamping	Viscosité Ford 4 cup @ 25°C
85-004278-9	Standard gloss varnish	Not gluable; reactivity; Work & turn application	Paper/board	High	No	50
85-601847-8	Gloss varnish, stampable		Paper/board/ Polyester/PET/PVC/PP	Low	Yes	50
85-601831-2	Gloss varnish, stampable	High slip level	Paper/board	High	Yes	38
85-601705-8	Gloss varnish, stampable	High slip level	Paper/board/ Polyester	High	Yes	35
85-601694-4	Gloss varnish, resistant	Not gluable; rub & chemical resistance	Paper/board/ Polyester/ PET/PVC/PP	Very High	No	45
85-600520-2	Gloss varnish, resistant	High flexibility; for spirits packaging	Paper/board/ Polyester/PET/PVC/PP	High	No	45
85-601715-7	Matt varnish, stampable	Rough aspect; High rub resistance	Paper/board/ Polyester/PVC	Medium	Yes	47
85-601706-6	Matt varnish	Smooth aspect; High rub resistance	Paper/board/ Polyester/PVC	Medium	No	50
75-600564-1	Gloss varnish, stampable	Dry or wet offset	Paper/board/ Polyester/PET/PVC/PP	Medium	Yes	na
75-600866-0	Matt varnish, stampable	Dry or wet offset	Paper/board/ Polyester/PET/PVC/PP	Medium	Yes	na

## Successful «INKday» in Moscow

On 16<sup>th</sup> June 2015, the Siegwerk «INKday» conference in Moscow was attended by a great number of customers and professionals. It was the right place to share experiences about innovative solutions. In small working groups the participants



discussed issues such as low migration ink systems, energy-saving UV curing systems and inks for special applications.



29. September – 2. October  
**LABELLEXPO  
EUROPE 2015**  
Welcome at  
Siegwerk's stand 6 A 17

## Extremely abrasion-resistant UV flexo gloss varnish

*Process: UV flexo printing*  
*Application: packaging, luxury packaging*  
*Product number: 85-600747-1*

**This new high-gloss UV overprint varnish is scratch-resistant and provides optimum protection and shine at the same time.**

High-gloss overprint varnishes are frequently friable and the varnished packaging often get scratched during transport. The new UV flexo gloss varnish from Siegwerk has been specifically designed for luxury packaging. In some cases, it is also intended to replace overwrapping cellophane. With a completely new raw material that is tough and flexible at the same time, a combination of mechanical resistance and flexibility has been achieved. **The cured coating layer is simultaneously hard but not friable and thus proven to be very resistant to abrasion.**

This new UV flexo gloss varnish can be printed on metallized polyester, laminated board and also on various other substrates such as paper, cardboard and plastics. In addition, it is characterised by rapid curing and very high slip level.