



# INXCure<sup>™</sup> Plastic LED S.O. EU Process Inks

**INXCure<sup>™</sup> Plastic LED S.O. (Swiss Ordinance) EU Process Inks** are a 100% reactive set that cures using (Light Emitting Diode) technology. The inks have formulated for compliance with the Swiss Ordinance. They have high strength and superb flow allowing for vibrant colors with excellent color consistency. They have been developed to run on a variety web and sheetfed presses, including high speed presses.

# Compliance

Compliant with the Nestlé Guidance Note & Swiss Ordinance 817.023.21 and the EuPIA inventory list and allow the compliance with commission regulations (EC) 1935/2004 and 2023/2006.

## **Product Features**

- Cures using LED technology
- Formulated for compliance with the Swiss Ordinance and the Nestlé Guidance Note on Packaging inks
- Suitable for shrink sleeve applications<sup>1</sup>
- Excellent tape release and rub properties
- Good adhesion to a wide variety of substrates including prime label, metalized polyesters, PE, PP, OPP, PET and PETG films and PVC<sup>2</sup>
- Excellent press stability and color balance
- Tack stepped for wet trapping
- Excellent flow and transfer
- Achieve excellent results on almost all web and sheetfed presses even at high printing speeds

<sup>1</sup> Must be tested on press prior to printing live jobs

<sup>2</sup> Because of the unique nature of each synthetic substrate, SAKATA INX strongly recommends that these inks be tested for customer required properties before use in production

### CAUTION:

- Due to their unique formulation, these inks are only compatible with themselves. They should not be mixed with any other product lines.
- The inks are highly reactive to visible light. Care should be taken with the placement of lighting in the press
  room.

### **Process Inks**

Black	1595828			
Cyan	1595829			
Magenta	1595830			
Yellow	1595831			
FR Magenta	1618122			
FR Yellow	1618123			

### Tack

190 - 250 @ 100 m/min

<sup>3</sup>Tacks may vary depending on the equipment used

DISCLAIMER: THE FINAL MEASUREMENT OF MIGRATION COMPLIANCE IS THE SOLE RESPONSIBILITY OF THE PRINTER/CONVERTER AND PACKER/FILLER OR OTHER NON-CONSUMER END USER OTHER THAN INX WITH COMPLIANCE TO BE DETERMINED IN ACCORDANCE WITH ALL APPLICABLE LAW AND REGULATIONS. NOT SUITABLE FOR DIRECT FOOD CONTACT. AN INDEPENDENT APPROPRIATE REGULATORY ANALYSIS OF ANY COATING SYSTEMS USED IN CONJUNCTION WITH THE INK SYSTEM ON THIS TECHNICAL DATA SHEET SHOULD BE CONDUCTED TO ENSURE COMPATIBILITY. ALL WARRANTIES OF ANY KIND WHATSOEVER, EXPRESS, IMPLIED AND STATUTORY, ARE HEREBY DISCLAIMED. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED.



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# **Typical Viscosity range**

170 - 260 poise @ 2500 sec.-1

## **Cure Speed**

Adequate curing is required for this system. Cure speeds will be dependent upon film thickness, substrates and the type/condition of the UV/LED curing equipment

## **Fastness properties**

	Lightfastness	Bleed resistance			
	Blue wool	Acid	Alkali	Ethanol	Soap
1595828 Process Black/Negro	8	5	5	5	5
1595829 Process Cyan/Azul	8	5	5	5	5
1595830 Process Magenta	4-5	2-3	2-3	4	2-3
1595831 Process Yellow/Amarillo	4	5	5	5	5
1618122 FR Process Magenta	6-7	5	5	5	5
1618123 FR Process Yellow	6-7	4-5	2-3	4-5	4

Note: This information is based on that provided by pigment suppliers

These are guidelines only and not intended to replace actual testing

Lightfastness values follow blue wool scale (1-8). These values refer to a solid tone printing. Lightfastness decreases when colours are intermixed

Other values go from 1 (poor) to 5 (excellent)

## Storage and Shelf Life

- Containers should be resealed promptly after use
- Prolonged exposure to sunlight should be avoided
- For maximum shelf life (12 months from date of manufacture), closed containers should not be stored at temperatures in excess of 25°C.
- Surplus ink from press fountain should never be returned to original containers

For more information contact our technical department:

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