

INXCure™ Plastic LED S.O. EU Base Inks

INXCure™ Plastic LED S.O. (Swiss Ordinance) EU Base 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 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
- Suitable for shrink sleeve applications¹
- 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 PVC²
- 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

¹ Must be tested on press prior to printing live jobs

² 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.

Tack

190 - 220 @ 100 m/min

³Tacks may vary depending on the equipment used

Typical Viscosity range

120 - 250 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

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.

INXCure™ Plastic LED S.O. EU Bases Inks

Fastness properties

		Lightfastness	Bleed Resistance		
		Blue wool	Ethanol	Solvent	Alkali
Base Yellow	1614666-0025	4	5	4÷5	5
Base Orange	1614667-0025	4÷5	4	4	5
Base Warm Red	1614668-0025	3	5	4÷5	4
Base Rubine Red	1614669-0025	4	4	4	2÷3
Base Imitation FR Rhodamine Red	1614670-0025	6÷7	5	5	5
Base Reflex Blue	1614671-0025	6÷7	4÷5	4÷5	5
Base Blue	1614672-0025	8	5	5	5
Base Violet	1614673-0025	6÷7	4÷5	4÷5	5
Base Green	1614674-0025	8	5	5	5
Base Extender	1614676-0025	N.A.	5	5	5
Inxcure™ Plastic LED S.O. EU Opaque White	1614677-0025	8	5	5	5

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:

Sakata INX España
C/Mercaders, 24-26 Pol. Ind. Riera de Caldes
08184 Palau Solità i Plegamans (Barcelona)
Tel. +34 938 648 122
[http://: www.inxinternational.com/sakata-inx](http://www.inxinternational.com/sakata-inx)



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.