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Rely on us.℠

EkoCure ANCORA™

A LOW MIGRATION UV LED FLEXO INK FOR FOOD LABEL & PACKAGING APPLICATIONS

EkoCure ANCORA™

- Is suitable for most stringent demands in food labels and flexible packaging applications.
- Can be used in all narrow & mid web flexographic print units provided the ink is cured (exposed to UV LED light).

Suitable for a wide variety of applications

- Self adhesive labels (coated & uncoated papers, PE, top coated PE & PP, BOPP and other films)
- Wrap around labels
- In-mould labels
- Unsupported film applications
- Shrink Sleeves

PROPERTIES	BENEFITS
• Very low migration	• Possibility to use UV Flexo in various stringent food packaging and label applications where low migration is required
• Cures with UV LED lamp technology	• Lower energy costs; low maintenance; no ozone and no mercury waste; low heat process enables capability to run heat sensitive films
• Good rheology and viscosity	• Easy to handle, good ink duct behavior, no hanging back
• Complies with Nestlé Guidance Note for Packaging inks and with the Swiss Ordinance list	• Meets most stringent demands of food packaging applications
• Excellent curing properties	• Improved productivity as high speed printing is possible
• Minimum plate swell and good printability	• Consistent high print quality
• Very good dot sharpness, minimal dot gain and suitable for line, text and halftone work	• Good print quality
• Good adhesion to a range of substrates	• Lower inventory as one ink suits a wide range of materials

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EkoCure ANCORA™

Availability

- Full range of Pantone® basic colours
- 4 colour process set
- Opaque White

EkoCure™ LED Technology Delivers Economical and Sustainable Benefits

EkoCure ANCORA ™ is developed using specially selected raw materials that match the narrow and targeted wavelength area that is typical for UV LED lamp output.

THE FACTS...	THE BENEFITS...
• UV LED lamps require significantly less energy	• Estimated 40% reduction of energy costs & lower operating costs
• Large ventilation systems are eliminated and the UV LED curing unit & power supply are smaller and more compact	• Manufacturing space is reduced and energy is saved
• UV LED lamps produce less heat	• Lower heat emission - lights do not need to warm up or cool down; offers ability to run heat sensitive films on a press with little heat management
• UV LED lamps are ozone and mercury free	• Safe working conditions and improved air quality
• UV LED lamps have approximately a 20,000 hour life, compared to 2,000 hour life of a standard bulb	• Printers can save time and money not replacing standard mercury vapor bulbs
• UV LED offers consistent UV output	• LED does not degradate quickly like mercury lamps - affecting cure speed and productivity and assuredness of quality!
• UV LED lamps are very low maintenance	• No need to clean reflectors and no bulb replacement - increasing press UPTIME

EkoCure ANCORA ™ delivers reliable quality suitable for most stringent food and packaging applications:

- Formulated in accordance with EuPIA Exclusion Criteria
- Formulated in such a way as to minimize both potential migration through the substrate and set - off from the printed outer side to the food contact surgace in the stack or the reel.
- Packaging inks are manufactured in accordance with Good Manufacturing Practices.

The ultimate verification of compliance can only be done on the finishes printed and/or varnished food package. The manufacturer of the final article has the legal responsibility to ensure that it is fit for the intended purpose as food packaging.
Data on migration should always be obtained by a practical migration test, done by the converter and the packer/filler, of the individual printed packaging material and article in its finished state, taking into account normal and foreseeable conditions of use.
Provided that the packaging inks are correctly processed and that the food packaging is designed in a way that there is no direct food contact with the print, this will allow compliance of the final product with existing legal provisions.

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