

### No-Tox<sup>®</sup> POLYOLEFIN INKS

(PAD PRINT/SCREEN PRINT)

NT30  
(02/12)

- Product Type:** Modified co-solvent polyamid polymers.
- Printing Method:** Either pad or screen printing depending on diluents and diluted viscosity.
- Suggested Uses:** Specifically designed for all types of polyolefin (polyethylene and polypropylene) films, sheets or coated paperboard which will be in contact with food or pharmaceutical products. For optimum adhesion and abrasion resistance, items must be corona treated (40 dynes/cm<sup>2</sup> minimum) prior to printing.
- Specific Characteristics:** A one-part, air dry or heat-assisted curing system exhibiting excellent adhesion and abrasion resistance on corona treated polyolefins.
- Note:** Alcohol resistance of this system is poor. If alcohol resistance is required our NT24 system is recommended.
- Equipment Requirements:** *Pad Print:* compatible with all types of pad printing equipment and pads.  
*Screen Print:* compatible with all types of screens and rubber squeegees. Mesh size dependent on print and end-use requirements.
- Additives and Diluents\*:** Both pad print and screen print versions of these inks are normally supplied at higher than “press-ready” viscosities to allow for viscosity and drying rate adjustment at press-side.
- Recommended Solvents:** The following solvents and blends are intended only as a guide. Other diluents and/or ratios may be better suited for your specific application. For additional assistance, contact our Technical Services Department.
- Normal: 50% Normal Butyl Alcohol  
50% Benzyl Alcohol
- Fast: 100% Normal Propyl Alcohol.
- Slow: 100% Benzyl Alcohol
- Wash-Up:** The recommended diluents above may also be used for wash-up.
- Color Availability:** Black, red, blue, yellow and white are standard. Other shades can be prepared upon request.
- Shelf Life:** Minimum one year in unopened containers.
- Caution:** Storage at low temperatures (45°F or lower) may cause gelling. Gelling can usually be reversed by allowing the ink to come to room temperature and stirring with a high-shear mixer.
- FDA Acceptability\*:** All components used in No-Tox Inks are sanctioned by the FDA and USDA as acceptable for direct food contact.

Note: FDA acceptability is based on the ink as supplied. Therefore no materials should be added other than those indicated in this bulletin unless specifically recommended by Colorcon.