

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

(PAD PRINT/SCREEN PRINT)

NT24  
(02/12)

- Product Type:** Specially modified rosin ester.
- Printing Method:** Pad or screen printing depending on diluents and diluted viscosity.
- Suggested Uses:** Specially 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:** One-part air dry or heat-assisted curing system exhibiting excellent adhesion and alcohol resistance properties on corona treated polyolefins.
- Note:** If alcohol resistance is not of prime importance, adhesion and abrasion resistance can be optimized by choosing NT30 system inks.
- Equipment Requirements:** *Pad Printing:* compatible with all types of pad printing equipment provided pads are elastomeric materials resistant to glycol ether or aromatic solvents. *Screen Printing:* nylon screens are normally acceptable. Squeegees should be made from glycol ether or aromatic solvent resistant materials. Natural or synthetic rubbers are generally acceptable. Mesh size is 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 flexibility 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: 100% Propylene Glycol N-Butyl Ether (Glycol Ether PB)
- Fast: 100% Glycol Ether PM
- Slow: 100% Butyl Carbitol<sup>®</sup> (Glycol Ether DB)
- Color Availability:** Process colors and opaque white are standards. Matched colors may be available but are subject to minimum order requirements.
- Shelf Life:** Minimum one year in unopened containers.
- FDA Acceptability\*:** All components used in No-Tox inks are sanctioned by the FDA and USDA 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.