

No-Tox[®] WATER-BASED INKS

(FLEXOGRAPHIC/GRAVURE)

NT21
(12/09)

- Product Type:** Water reducible, specially modified alkali-soluble polymer.
- Printing Method:** Flexography or Gravure.
- Suggested Uses:** Labels, coupons, promotions and other in-package inserts which will be in contact with dry food, pharmaceutical or medical products. Selected formulas are available for use on coffee or tea filters and pouch papers.
- Note:** Some colors are not recommended for contact with aqueous or fatty foods because of poor water and bleed resistance compared to solvent inks. If use in contact with aqueous or fatty food is anticipated, thorough end use testing should be completed before use.
- Stocks:** All types of FDA acceptable uncoated and coated paper stocks, vegetable parchment and glassine.
- Plates and Rollers:** All natural and synthetic rubber plates and rollers, and photopolymer plates.
- Additives and Diluents*:** Normally supplied at higher than “press-ready” viscosities to allow for diluent and drying rate adjustment flexibility at press-side.
- Recommended Solvents:** The following is intended only as a guide. Other diluents and/or ratios may be better suited for your specific application. For additional assistance, contact our Technical Service Department.
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| Normal: | 100% | Water |
| Fast: | 80% | Water |
| | 20% | Ethyl or Isopropyl Alcohol |
| Slow: | 80% | Water |
| | 20% | Propylene Glycol. Add additional propylene glycol as needed. |
- Note:** Maintain pH between 8.0 - 9.0 by use of a 28% ammonium hydroxide solution
- Color Availability:** Limited due to poor compatibility of certain FDA acceptable colorants in this ink system. Standard colors are white, black, blue, brown and earthtone shades (red, yellow, brown). Bright reds, yellows, greens, pinks and violets are available, but shades are limited.
- Note:** All colors should be thoroughly tested for bleed and water/grease resistance under actual end-use conditions prior to use to insure acceptability. Contact our Technical Services Department for more specific information.
- Shelf Life:** Minimum one year in unopened container.
- 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.