No-Tox® GRAVURE VINYL INKS

(GRAVURE OR OFFSET GRAVURE)

NT14
(12/09)

Printing Method: Gravure or offset gravure.

Suggested Uses: Specifically designed for printing onto films such as PVC, polystyrene, polyurethane and acrylic or PVDC coated polyolefins which will come into direct contact with food, drug products or are parts of medical devices or medical packaging.

Specific Characteristics: A one-part air dry or heat assisted system exhibiting excellent adhesion and scuff resistance when applied to substrates above. Offers excellent chemical and heat resistance characteristics.

Plates, Cylinders and Offset Rollers: Standard gravure cylinders can be used. Offset rollers or blankets must be made from silicone elastomers, synthetic rubbers or photopolymers resistant to ketone and ester solvents.

Note: Flexographic printing is possible if ketone resistant plates are used.

Additives and Diluents*: Normally supplied at higher than "press-ready" viscosities to allow for diluent and drying rate adjustments at press-side to accommodate specific running speeds or other requirements.

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% Methyl Isobutyl Ketone
Fast:	100% Methyl Ethyl Ketone
Slow:	50% Methyl Isoamyl Ketone 50% Ethyl Lactate

Wash up: Any of the materials used as solvents as listed above.

Color Availability: Black, blue, red, yellow and white. Special matches are available upon request, subject to minimum order quantities.

Shelf Life: Minimum one year in unopened containers.

FDA Acceptability*: All components used in No-Tox inks are sanctioned by the FDA and USDA as acceptable for direct food contact. All medical device inks can be submitted to the FDA for inclusion in Colorcon No-Tox Products' Drug Master File #17155 and are manufactured under strict cGMP guidelines in our dedicated facility.

*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.