

No-Tox[®] TEMPORARY TATTOO INKS

(FLEXOGRAPHIC/GRAVURE)

*NT19TAT
(12/09)*

<i>Product Type:</i>	Solvent-soluble naturally derived polymer(s).
<i>Printing Method:</i>	Flexography or Gravure
<i>Suggested Uses:</i>	Specifically designed with pigments compliant with FDA regulations for use in cosmetic products. For use on decal or similar water-slide release papers to produce tattoos or stickers which are affixed to the skin by an adhesive top-coat. Longevity is normally 1-3 days.
<i>Plates and Rollers:</i>	Rubber and other photopolymer plates and rollers. All types of gravure cylinders.
<i>Recommended Solvents:</i>	The inks are supplied at higher than “press-ready” viscosities to allow for adjustment flexibility at press-side. The following is intended only as a guide. For additional assistance, contact our Technical Services Department. Normal: 100% Normal Propyl Alcohol Fast: 100% Isopropyl Alcohol Slow: 100% Normal Butyl Alcohol or 100% Iso-Butyl Alcohol or 100% Glycol Ether PM
<i>Color Availability:</i>	Normally supplied in opaque white and process color shades. Other colors are possible, but due to restricted pigment selection, many matches can only be approximated.
<i>Shelf Life:</i>	Minimum one year in unopened containers.
<i>FDA Acceptability*:</i>	All colorants used in these No-Tox inks are sanctioned by the FDA as acceptable for use in cosmetics as per 21CFR Part 73, Subpart C or Part 82, Subpart C. All additional components are sanctioned by the FDA as either direct or indirect food additives.

*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.

RECOMMENDATIONS FOR MAKING TEMPORARY TATTOOS

Steps for Producing Temporary Tattoos

1. Print clear underprint varnish on the release paper. This varnish will provide protection to the tattoo once the tattoo is transferred to the skin.
2. Each additional color should be printed after the previous down varnish or ink has been dried, as in traditional flexo or gravure printing.
3. Note: The artwork should be designed such that a “reverse” image is printed. In this way the tattoo will be correct once applied to the skin. Also, if the tattoo is to have an overall or partial background white, the white must be the last color printed.
4. After all colors have been printed, a cosmetic or medical grade adhesive must be deposited over the entire tattoo. This adhesive is what allows the tattoo to adhere to the skin. No-Tox distributes a waterbased adhesive, XN-1658, which is suitable for this use. See Technical Data Sheet “NT19 ADH” for information on this adhesive.
5. A suitable “slip-sheet” must be placed between the finished tattoo sheets if they are to be stacked, or between individual tattoos when stacking or packing after die cutting.

To Apply Tattoo to Skin

1. Remove slip sheet and place adhesive side down on the skin.
2. Thoroughly wet the back of the tattoo with water.
3. After 30 seconds, gently slide the paper away and the tattoo is ready for wear!
4. Under normal conditions a tattoo may last for up to a week on the skin. For quick removal of the tattoo from the skin, rubbing alcohol or cold creme can be used.

Sources for Water-Release Paper and Slip Sheets.

Tullis Russell Company
Fairfield, CT
Phone: 203-256-9522
E-mail: info@tullisrussellusa.com
(paper: “Trucal Advantage 170”)
www.tullis-russell.co.uk.com

Fasson Roll Label Products
Painesville, OH
Phone: 800-944-8511
Phone: 440-358-2600
(“Fasson Tattoo Paper” and “Easy Release Liner”)
www.na.fasson.com

Griff Specialty Paper and Film
Fallsington, PA
Phone: 215-428-1075
(Slip sheets)
www.papaerandfilm.com