

No-Tox[®] TEMPORARY TATTOO INKS

(LETTERPRESS AND OFFSET LITHOGRAPHY)

NT01TAT
(02/12)

- Product Type:** Modified oleoresinous oxidation drying
- Printing Method:** All standard letterpress and offset lithographic presses with conventional dampening systems. Not recommended for small duplicator presses having integrated dampening systems.
- Suggested Uses:** Specifically designed with FDA cosmetic regulation-compliant pigments to print adhesive tattoos.
- Stocks:** Best suited for use with water-release decal papers. Other release-coated stocks may be suitable but should be tested for ink acceptance, drying and release .
- Plates and Rollers:** All types of standard letterpress and lithographic plates and rollers are suitable. Not suited for use with waterless (i.e. Toray[®]) plates.
- Fountain Solutions:** Compatible with all conventional non-toxic fountain solutions including alcohol-modified or alcohol-free types.
- Note:** Cosmetic compliant pigments can be prone to tinting. Carry as little water/fountain solution to the plate as possible.
- Additives and Diluents*:** Normally supplied press ready at optimum rheology for most printing conditions. High boiling hydrotreated petroleum middle distillates (such as Magisol 47[®] or Magisol 52[®]) may be added to reduce tack or body as necessary.
- Wash-Up:** Standard press washes are acceptable provided rollers, plates, and other press parts are thoroughly dried after cleaning.
- Color Availability:** Process colors and opaque white are standard, along with clear underprint varnish. Matched colors may be available but are subject to minimum order requirements. Shades and densities will be limited due to the type of pigments that must be used.
- Shelf Life:** Minimum two years 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 pigments are compliant for use in cosmetics as per 21CFR Part 73, Subpart C or Part 82, Subpart C.

*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. 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 ink must be the last color printed. Wet-trapping of the inks over the underprint varnish produces the best results.
3. 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.
4. 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.paperandfilm.com