



Technical Data Sheet #312
07/16/2009

Wet Ink Tack	Medium
After Flash Tack	High
Printability	Excellent for fast production
Surface Appearance	Translucent
Opacity/Viscosity	Low/High
Bleed Resistance	N/A
Gel Point/Flash Time	160°F (71°C)/ decreases with deposit thickness
Fusion Temperature	320°F (160°C.)
Squeegee Hardness	Medium
Squeegee Blade	Sharp
Squeegee Angle	45°
Squeegee Speed	Medium to High
Underlay	Fabric dependent
Emulsion	Direct Emulsions or capillary film
Mesh Count	86 mc in (34 mc cm).
Extender	N/A
Thickener	N/A
Storage	65°F to 95°F. Avoid direct sun.
Cleanup	Biodegradable screen wash
MSDS	#ES0274
Color Range	ES0274NPT X-Glu
Substrate Type	Cotton or 50/50 Poly
Substrate Color(s)	Light, Medium, & Dark fabrics

Claira™ NPT Non-Phthalate Specialty Inks

ES0274 NPT X-Glu

Description

NPT X-Glu adhesive is formulated as a press-ready plastisol for printing on 100% Cotton fabrics or over a low bleed underlay on poly/cotton. It has excellent adhesion qualities. Can be used on most textile fabrics where a printable adhesive is needed.

Features:

- Non-Phthalate formulation to comply with new regulations restricting phthalates.
- Easy to print
- Can be colored to match embellishment color by using C3 Color Boosters
- No viscosity modifications necessary.
- Functions as an adhesive for Foil, Transfers, Caviar Beads, Sequins, etc.
- Great for adhering fabric layers together when gluing fabric patches onto garments.

Application

NPT X-Glu Adhesive requires stirring before printing. Print NPT X-Glu adhesive directly onto substrates or over an underlay. NPT X-Glu adhesive is normally printed through 86 mc in (34 mc cm) mesh for maximum lay down. Recommend soft squeegee. Suggest printing through 200 micron stencil for maximum film thickness to provide maximum adhesion to the appliqué.

Special Recommendations

Claira Colors™, bases, modifiers and additives should be mixed in clean vessels using clean mixer blades and utensils. Any contamination from other ink sources or non approved additives could make Claira Colors™ test positive for the restricted phthalates.

- **Do not dry clean, bleach, or iron the printed image.**

Rutland Plastic Technologies does not knowingly add plasticizers containing the phthalates listed and outlined in California Bill 1108, CPSC HR-4040 and Oeko-tex Standard 100. The plasticizers identified may include di-(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), diisononyl phthalate (DINP), diisodecyl phthalate (DIDP), di-n-octyl phthalate (DnOP), (DIBP) Di-iso-butyl, and (DMP) Dimethylphthalate, including esters of ortho-phthalic acid and are not direct ingredients in the manufacture of Claira™ High Opacity Non-Phthalate Mixing System Inks and Claira™ Non-Phthalate Concentrate Mixing System Inks. Rutland Plastic Technologies does not test the final product for amounts of the aforementioned phthalate plasticizers and esters and encourages all users to conduct testing for their intended use.

ANY APPLICATION NOT REFERENCED IN THIS TECHNICAL DATA SHOULD BE PRE-TESTED OR CONSULTATION SOUGHT WITH RUTLAND'S APPLICATIONS LABORATORY PRIOR TO PRINTING. CALL 704-553-0046 EXT. 192 FOR MORE INFORMATION.

