



Technical Data Sheet #326
Date 08/27/2009

Wet Ink Tack	Low
After Flash Tack	Low
Printability	Excellent for fast production
Surface Appearance	Satin finish
Opacity/Viscosity	High/High
Bleed Resistance	N/A
Gel Point/Flash Time	150° F (67° C.)
Fusion Temperature	320°F (160° C.)
Squeegee Hardness	70-80 durometer
Squeegee Blade	Sharp
Squeegee Angle	45° to screen mesh
Underlay	N/A
Emulsion	Capillary Film or Liquid Emulsion
Mesh Count	86 to 230 mc in (34 to 90 mc cm)
Extender	N/A
Thickener	N/A
Storage	65°F to 95°F (18° C to 35° C) Avoid direct sun
Cleanup	Bio-degradable screen wash
MSDS	#38
Color Range	EH9075 NPT Cotton White
Substrate Type	100% Cotton
Substrate Color(s)	Light, Medium & Dark Colors

Claira™ NPT Non-Phthalate Inks

EH9075 NPT Cotton White

Description

EH9075 NPT Cotton White is opaque resulting in excellent coverage on dark garments. The low tack formula allows printing through finer mesh counts without the need for a viscosity modifier. Use as an underlay where good opacity is needed or as a stand-alone white.

Features

- High performance white for 100% Cotton.
- Creamy, short body plastisol for easy printing.
- Low tack formula for fast shear action.
- User friendly, no viscosity modifiers necessary.
- Formulated as a Non-phthalate product
- Great opacity with quick flash.
- Low hot tack does not need a cool down station.
- Will not cause ghost on 100% cotton.

Application

Print EH NPT Cotton White straight from the container. EH NPT Cotton White is user friendly and may be printed through mesh ranging from 86 to 230 mc in (34 to 90 mc cm) without modification of the viscosity. The tack free formulation allows increased coverage; therefore use finer mesh counts for the softest hand and good opacity.

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, CPSIA 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 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. 151 FOR MORE INFORMATION.

