

## Technical Data Sheet #339

01/29/2010

<b>Wet Ink Tack</b>	Low
<b>After Flash Tack</b>	Low
<b>Printability</b>	Excellent
<b>Surface Appearance</b>	Matte—Soaks into the garment
<b>Opacity/Viscosity</b>	High/Low
<b>Bleed Resistance</b>	N/A
<b>Gel Point/Flash Time</b>	160°F (71°C)/decreases with deposit thickness
<b>Fusion Temperature</b>	320°F (160°C)
<b>Squeegee Hardness</b>	Medium
<b>Squeegee Blade</b>	Sharp
<b>Squeegee Angle</b>	45 degrees to screen
<b>Squeegee Speed</b>	Fast
<b>Underlay</b>	NPT Chino White (made by mixing 30% EB9256 into this)
<b>Emulsion</b>	Direct or Indirect
<b>Mesh Count</b>	Up to 305 mc in (120 mc cm)
<b>Thinner</b>	N/A
<b>Thickener</b>	N/A
<b>Storage</b>	65°F to 95°F (18°C to 35°C). Avoid direct sun.
<b>Cleanup</b>	Bio-degradable screen wash
<b>MSDS</b>	#38
<b>Color Range</b>	Base
<b>Substrate Type</b>	Cotton
<b>Substrate Color(s)</b>	Light, Medium & Dark fabrics

## Claira™ Non-Phthalate Specialty Inks

### EH0245 NPT Opaque Chino Base

#### Description

**NPT Opaque Chino Base** allows you to produce extremely soft prints on medium and darker fabrics. Use NPT Chino White as an underlay and mix colors with Opaque Chino Base by adding up to 30% C3 Color Boosters to 70% Base. Print NPT Opaque Chino mixed colors as a stand alone on dark garments to produce that "worn and washed" look with a very soft hand or print NPT Chino White as an underlay and overprint with the colors to have brighter colors.

#### Features

- Easy to mix and print.
- Create thousands of subdued shades by adding up to 30% C3 Color Boosters
- Prints through very high mesh counts for minimum ink usage.
- Excellent printability with no viscosity modifications.
- Extremely soft and supple to the touch with less hand than most water base inks.
- Create that "worn and washed" look now on dark fabrics.
- Is a Non-Phthalate product.

#### Application

Print through fine screen mesh up to 305 mc in (120 mc cm). When cured at 320°F (160°C), NPT Opaque Chino will have excellent wash and wear qualities.

#### 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 nor any of the Claira Specialty 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.