Recommendations	
Product Overview	
Product Code	ES0250
Industry	Inks
Application	Screen Printing
Category	Specialty Inks
Sub-Category	Base
Chemistry	Plastisol
Substrate(s)	Cotton
Best Used By	12 months
Certification(s)	ISO9001
Curing:	
Fusion Temperature	320 °F
Gel Point	160 °F
Performance:	
Viscosity	Low
Coverage	Low Opacity
Printability	Excellent for fast production
After Flash Tack	Low
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	Medium/High
Screen:	
Mesh	305
Flood Stroke	Load ink into mesh opening
Emulsion Type	Capillary film, Direct, Indirect
Cleanup	Non-Phthalate screen wash
Additives:	
Extender	Not recommended
Thickener	Not recommended
Thinner	Not recommended
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)
Storage Notes	Avoid direct sun.

Last Change: Feb 2017

NPT CHINO BASE / REDUCER

ES0250 NPT Chino Base allows you to produce extremely soft Sepia Tone or Tone-on-Tone prints. NPT Chino Base can be colored to your specifications by mixing up to 30% EB Color Concentrates with 70% NPT Chino Base. Print NPT Chino Base as a stand alone on dark garments to produce that "Toneon-Tone" look with a very soft hand. A variety of subdued looks can be printed with this new product.Prints through very high mesh counts for minimum ink usageCreate that "worn and washed" look that your customers are askingES0250 NPT Chino Base can be used as a curable reducer for non-phthalate plastisol applications.

Features

- Easy to mix and print.
- 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.
- ES0250 NPT Chino Base can be used as a curable reducer for non-phthalate plastisol applications.

Instructions

Prints through very fine screen mesh of 305 mc in (120 mc cm). NPT Chino Base will have excellent wash and wear qualities when cured at 320ºF (160ºC.) . Create many colors by adding up to 30% EB Color Concentrates. Use the M2007 Software for thousands of formulas.

Recommendation

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.

Statement

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.

Disclaimer: