Rutland
Plastic Technologies, Inc.
Because You Deserve the Best Ink

Recommendations	
Product Overview	
Product Code	C34449
Industry	Inks
Application	Screen Printing
Category	Mixing Inks
Sub-Category	C3 Mixing System
Chemistry	Plastisol
Substrate(s)	Other
Best Used By	12 months
Certification(s)	ISO9001
Curing:	
Fusion Temperature	320 °F
Performance:	
Viscosity	Base dependent
Coverage	Base dependent
Bleed Resistance	Only when mixed with EL0749 NPT LB Base
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Screen:	
Mesh	Base dependent
Underlay	Use Claira NPT LB White or NPT Barrier Base
Cleanup	Bio-degradable screen wash
Additives:	
Extender	See approved list
Thickener	See approved list
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)

Last Change: Nov 2016

NPT YELLOW CONC

Claira™ C3 Non-Phthalate Color Booster mixing system is a single pigmented color system with built in binders. No need to worry about pigment overload with these concentrates. They may be used at up to 50% in Rutland's NPT bases to mix non-phthalate printing inks. C3 Color Boosters directly replace both the EB and CB products.Concentrated single pigment primary colorsNon-phthalate for mixing environmentally safe plastisol inksLow crock and matte finish when mixed in NPT HO Matte BaseUse Rutland's NPT VO Base for maximum opacity

Instructions
Mix thousands of colors by using Claira™ C3 Non-Phthalate Color Boosters in any of the Claira™ Non-Phthalate Specialty bases per the formulations found in the M2007 Ink Mixing software. Simply mix the C3's with the appropriate nonphthalate base (see Bases on next page). Printing on White Garments: Mix per formulation or custom blend to achieve brilliant colors on 100% cotton whites. For extremely soft-hand prints, mix finished color (C3 plus base) with up to 1:1 with Claira NPT Chino Base Printing on Dark Garments or over an underlay: When printing on dark garments, mix per formulation or custom blend to achieve brilliant colors over an underlay . Use the NPT Low Bleed White on poly/cotton blends and the NPT Barrier base when printing on 100% polyester Puff designs: Mix 10-15% of Claira NPT Puff Additive to any formulated Claira™ Color (C3 plus base) to create a puff ink. PRODUCTS

C31017	NPT FLUOR MAGENTA C3	C34449	NPT YELLOW C3
		C36055	NPT FLUOR PINK C3
C31037	NPT FLUOR VIOLET C3	C36056	NPT FLUOR RED C3
C31440	NPT VIOLET C3	C36446	NPT SCARLET C3
C32441	NPT BLUE #1 C3	C36447	NPT RED BS C3
C32442	NPT BLUE #2 C3	C38394	NPT BLACK C3
C32443	NPT MARINE C3	C39256	NPT WHITE C3
C33033	NPT FLUOR GREEN C3	C31018	NPT FF FLUOR MAGENTA C3
C33443	NPT GREEN C3		
C34037	NPT FLUOR YELLOW C3	C31038	NPT FF FLUOR VIOLET C3
C34041	NPT FLUOR LEMON YELLOW C3	C34042	NPT FF FLUOR LEMON YELLOW C3
C34228	NPT NON-MIGRATING YELLOW C3	C36057	NPT FF FLUOR RED C3

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. Note to 100% Cotton users: With low bleed ink, 100% cotton could produce a ghost image. Claira NPT Low Bleed White is a low-bleed ink and should be tested for ghosting before printing on 100% cotton. Claira NPT Low Bleed White is not recommended for 100% polyester. Use Claira NPT Barrier under base for 100% polyester.

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:
Not all Rutland products are available in every country. Please check with your local representative for availability. The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the

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right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.