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

Recommendations	
Product Overview	
Product Code	EH0542
Industry	Inks
Application	Screen Printing
Category	Mixing 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	High
Coverage	High Opacity
Printability	Great
After Flash Tack	Low
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	Medium/High
Screen:	
Mesh	86 to 280
Underlay	NPT Whites
Emulsion Type	Capillary film, Direct
Cleanup	Non-Phthalate screen wash
Additives:	
Thickener	M00010 Thickener #10
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)
Storage Notes	Avoid direct sun.

Last Change: Feb 2017

NPT HO MATTE BASE

EH0542 NPT HO Base is formulated as a press-ready non-phthalate plastisol base for mixing colors using C3 Color Boosters and printing on 100% Cotton or over a NPT low bleed underlay when printing on poly/cotton blends. Short body and very low wet tack for easy printing with no build-up. Fast shearing action means higher press speeds. Easy to use, helps maintain printable viscosity when mixed with C3 Color Boosters. Mixed colors will print with a satin finish.

Instructions
Mix EH0542 NPT HO Base with C3 Color Boosters and print directly onto substrates. EH0542 is normally printed through mesh ranges from 86-280 mc in. (34-110 mc. CM.) Recommend 70-80 Durometer squeegee with sharp edge for maximum definition. Proper cure is achieved when garment reaches 320ºF (160°C.).

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.

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