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

Recommendations	
Product Overview	
Product Code	ES8394
Industry	Inks
Application	Screen Printing
Category	Specialty Inks
Chemistry	Plastisol
Substrate(s)	Cotton
Best Used By	12 months
Certification(s)	ISO9001
Curing:	
Fusion Temperature	320 °F
Gel Point	160 °F
Performance:	
Viscosity	Medium
Coverage	High Opacity
After Flash Tack	Low
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	High
Screen:	
Mesh	86 to 200
Underlay	Not required on 100% Cotton
Cleanup	Bio-degradable screen wash
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)
Storage Notes	Avoid direct sun.

Last Change: Nov 2016

NPT SOFT DENSITY BLACK

ES0247 NPT Soft Density Base can be printed through a wide range of mesh counts and thick film emulsions. Soft Density's very short body and mid range viscosity mark it easy to mix, easy to print and easy to create very soft High Density type designs. Extremely precise edge definition is possible, making NPT Soft Density a good choice to reproduce prints that look like they have been die cut.Create thousands of shades by using Color Booster formulas from the M2007 Software (use C3's at no more than 40%).Print very thick, die cut type designs.Extremely soft with less hand than most High Density inks.

Features

- Easy to mix and print.
- Non-Phthalate formulation to comply with new regulations restricting phthalates.
-
-

Instructions

Print through screen mesh from 86-200 mc in (34-77 mc cm) NPT Soft Density Base will have excellent wash and wear qualities when cured at 320ºF (160ºC) . Products: ES0247 NPT Soft Density Base ES8394 NPT Soft Density Black ES9256 NPT Soft Density White

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:

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 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.