

Recommendations	
Product Overview	
Product Code	ES0137
Industry	Inks
Application	Screen Printing
Category	Specialty Inks
Sub-Category	Puff
Chemistry	Plastisol
Substrate(s)	Cotton
Best Used By	12 months
Certification(s)	ISO9001
Curing:	
Fusion Temperature	320 °F
Gel Point	165 °F
Performance:	
Viscosity	High
Coverage	High Opacity
After Flash Tack	Low
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	Medium/High
Screen:	
Mesh	60
Underlay	Low Bleed for poly/cotton
Emulsion Type	Capillary film, Direct, Indirect
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 SPONGE PUFF BASE

ES0137 NPT Sponge Puff was developed as a soft hand puff product for creating a soft, more durable puff print. Press ready plastisol for printing on dark 100% cotton and over a low bleed under lay. Colors created by using C3 Color Boosters at up to 50%.

Features

- Creamy plastisol for easy printing.
- Low tack formulation for fast shearing action.
- Non-Phthalate formulation to comply with new regulations restricting phthalates.
-

Instructions

Print ES0137 on 100% Cotton, as a mixed color, or over a low bleed underlay white for poly/cotton. For best results print NPT Sponge Puff through a 60 mc in (24 mc cm) mesh count. Finer mesh counts may be used when printing on top of other inks, such as High Density, to give a soft puff finish. *Note to 100% Cotton users: 100% Cotton could have a ghost image appear if printed with this ES0137. Test the particular color garment prior to printing production run to insure this product will not cause a ghost on your garment. See Test Procedures at <https://www.rutlandinc.com/screen/techbulletins>.

Recommendation

Do not dry clean, bleach, or iron the printed image. Note: This is not a low bleed ink. Do not print on polyester fabrics. Clairra 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 Clairra Colors™ test positive for the restricted phthalates.

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-isobutyl, and (DMP) Dimethylphthalate, including esters of ortho-phthalic acid and are not direct ingredients in the manufacture of Clairra 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.