



Recommendations	
Product Overview	
Product Code	M00004
Industry	Inks
Application	Screen Printing
Category	Modifier/Additives
Sub-Category	Thickener
Chemistry	Plastisol
Substrate(s)	Other
Best Used By	12 months
Certification(s)	ISO9001
Performance:	
After Flash Tack	Ink specific
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	Ink Specific
Screen:	
Mesh	Ink Specific
Underlay	Ink Specific
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 LIQUID THICKENER

M00004 Liquid Thickener mixes into plastisols to raise the viscosity. Higher viscosity inks will normally print with more opacity. Easy to mix and can be mixed in by low shear mixing. Thickens Rutland *plastisols to allow them print with more opacity.

Features

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Instructions

Mix M00004 Liquid Thickener into plastisol at 1/2% up to a 1% maximum. Mixing should be with a mechanical stirring device but can be hand stirred into small batches (quarts and gallons). Do not over mix to the point of creating high friction (heat) as it could cause the plastisol to gel causing lumps. After mixing, wait for a minimum of 2 hours before printing or testing for viscosity.

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 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.