



Recommendations	
Product Overview	
Product Code	M00047
Industry	Inks
Application	Screen Printing
Category	Modifier/Additives
Chemistry	Plastisol
Substrate(s)	Other
Best Used By	12 months
Certification(s)	ISO9001
Curing:	
Fusion Temperature	320 °F
Performance:	
Printability	Excellent for fast production
After Flash Tack	Low
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Screen:	
Mesh	Ink dependent
Underlay	Use ink plus additive
Emulsion Type	Capillary film, Liquid emulsion
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 FOIL RELEASE

M00047 Foil Release Additive is designed to provide foil release characteristics to Rutland's plastisol ink allowing the printer to make multi-color designs with foil adhering to desired areas. By mixing M00047 into all layers of ink, the design can be applied to dark shirts and still provide foil release capability. Provides excellent foil release properties to Rutland's plastisol inks that have been properly cured. Can be used in various concentrations to maintain the integrity of the ink film. Can provide foil release characteristics when printing both light and dark colored garments.

Features

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Instructions

It is recommended that user evaluate M00047 for fit for use in each application. Special attention should be given to crock and wash testing prior to use.

Mixing Procedure: Mix release agent into Rutland Plastisol Inks at 1-10% (maximum), using a mechanical stirring device, such as a Turnabout™ type mixer or other low shear mechanical mixing devices. (hand stirring is not recommended).

Printing Procedure: Add M00047 to all Rutland Plastisol Inks where foil is not desired per the design. Print foil release colors through normal printing technique (print-flash-print, etc.). Print Rutland's Foil Adhesive (NG0274) also known as X-Glue to all areas where foil is desired per the design. Cure finished print at a minimum of 320°F (160°C) for a minimum of 75 seconds (results vary). Test for fit for desired use. Do not dry clean, bleach, or iron 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 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.