



Recommendations	
Product Overview	
Product Code	ES0026
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	Clear
After Flash Tack	High
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	Medium/High
Screen:	
Mesh	86 to 230
Flood Stroke	Load ink into mesh opening
Underlay	SXT Black Barrier
Emulsion Type	Capillary film, Direct, Indirect
Cleanup	Non-Phthalate screen wash
Additives:	
Extender	Use only non-phthalate
Thickener	M00010 Thickener #10
Thinner	Use only non-phthalate
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)
Storage Notes	Avoid direct sun.

Last Change: Nov 2016

NPT THERM-O-LINE CLEAR

ES0026 NPT ThermoLine Clear is a non-phthalate plastisol used for adhesive type applications and as a clear base for Metallic powders and flakes.

Instructions

C3 Color Boosters may be added to the NPT ThermoLine Clear for custom colors at a maximum of 30% by weight. The thicker the ink film deposit, the less pigment needed to maintain color intensity. As a Flock Adhesive: ES0026 is also used as an adhesive for applying flock to textile fabric. We suggest adding up to 5% NPT Fiberbond for maximum adhesion to flock fibers and print through 200- micron stencil for this application. Note: The mixture with FiberBond will have maximum 8 hours shelf life. Creating a thick stencil: Creating a thick stencil (200 micron) will offer maximum ink deposit. The thickness of the stencil will determine the thickness of the ink deposit. Thicker stencils will require an increase in exposure time. Contact emulsion supplier for more detail information.

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-isobutyl, 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:

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