



Technical Data Sheet #353

09/08/2010

Wet Ink Tack	Low
After Flash Tack	Low
Printability	Great
Surface Appearance	Matte
Opacity/Viscosity	Medium/Medium
Gel Point/Flash Time	160°F (71°C.)
Fusion Temperature	320°F (160°C.)
Squeegee Hardness	Medium
Squeegee Blade	Sharp
Squeegee Angle	45°
Squeegee Speed	Fast
Emulsion	All capillary films, direct or indirect liquid emulsions
Mesh Count	86–230mc in (34-90 mc cm)
Extender	N/A
Thickener	M00010 Thickener #10
Storage	65°F to 95°F (18°C to 35°C). Avoid direct sun.
Cleanup	Bio-degradable screen wash
MSDS	# 38
Substrate Type	Cotton and Poly/Cotton Blends
Substrate Color(s)	Light, Medium, & Dark fabrics

ClairaTM NPT Non-Phthalate Inks

EH8014 NPT LX Black

Description

EH8014 is a non-phthalate printing black that is designed to provide good printability at low cost.

Features

- Provides excellent printability with no viscosity modifications.
- Prints with a matte finish
- Competitively priced.
- Non-Phthalate formulation to comply with new regulations restricting phthalates.

Application

EH8014 can be printed from 86–230 mc in (34-90 mc cm) giving the ability to print solid prints as well as half tone designs.

Wash test print sample before making production runs to insure you get the desired results when using this product for its fibrillation control properties. Fibrillation can be virtually eliminated by adding 3% of the EA0001 NPT FiberBond to EH8014. If mixed with FiberBond, a shelf life of about 8 hrs is expected.

Special Recommendations

Claira ColorsTM, 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 ColorsTM test positive for the restricted phthalates.

- **Do not dry clean, bleach, or iron the printed image.**

Rutland Plastic Technologies does not knowingly add plasticizers containing the phthalates listed and outlined in California Bill 1108, CPSC 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 ClairaTM High Opacity Non-Phthalate Mixing System Inks and ClairaTM Non-Phthalate Concentrate Mixing System 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.

ANY APPLICATION NOT REFERENCED IN THIS TECHNICAL DATA SHOULD BE PRE-TESTED OR CONSULTATION SOUGHT WITH RUTLAND'S APPLICATIONS LABORATORY PRIOR TO PRINTING. CALL 704-553-0046 EXT. 192 FOR MORE INFORMATION.

