

**Technical Data Sheet #360**

3/25/2011

<b>Wet Ink Tack</b>	Low
<b>After Flash Tack</b>	Low
<b>Printability</b>	Excellent
<b>Surface Appearance</b>	Satin finish
<b>Opacity/Viscosity</b>	High/High
<b>Bleed Resistance</b>	Excellent
<b>Gel Point/Flash Time</b>	165° F (74° C)
<b>Fusion Temperature</b>	320°F (160° C)
<b>Squeegee Hardness</b>	70-80 durometer
<b>Squeegee Blade</b>	Sharp
<b>Squeegee Angle</b>	45° to screen mesh
<b>Underlay</b>	N/A
<b>Emulsion</b>	Capillary Film or Liquid Emulsion
<b>Mesh Count</b>	86 - 320 mc. in. (34-125 mc. cm.)
<b>Extender</b>	N/A
<b>Thickener</b>	N/A
<b>Storage</b>	65°F to 95°F (18° C to 33° C) Avoid direct sun
<b>Cleanup</b>	<b>Bio-degradable screen wash</b>
<b>MSDS</b>	#38
<b>Color Range</b>	EL9230 LB FF Maximum White
<b>Substrate Type</b>	Polyester/Cotton Blend
<b>Substrate Color(s)</b>	Dark Colors

## EL9230 LB FF Maximum White

### Description

EL9230 NPT LB FF Maximum White is formulated as low bleed, press-ready plastisol for printing on polyester/cotton dark fabrics. This product is excellent for printing through a variety of mesh ranges.

### Features

- Creamy, short body plastisol for easy printing.
- Tack free formulation for fast shearing action.
- User friendly, no viscosity modifiers necessary.
- Excellent bleed resistance.
- Great opacity with quick flash.
- Optically brightened to produce maximum whiteness and brightness.
- Now formulated with Rutland's NPT (non-Phthalate) Technology

### Application

Print EL9230 directly onto 50/50 substrates to obtain ultimate opacity and bleed resistance. EL9230 may be applied as an underlay white when printed through mesh ranges 86 - 320 mc. in. (34-125 mc. cm.) to achieve very fine details like simulated halftones, or can be printed as a stand alone white for maximum whiteness. The quick flash characteristics of this product allows it to function either way.

**\*Note to 100% Cotton users: 100% Cotton could have a ghost image appear if printed with low bleed inks. EL9230 NPT Maximum White is a low bleed ink and should not be printed on 100% Cotton. EL9230 Maximum White is recommended for polyester/cotton blends.**

### Special Recommendations

- **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 Non-Phthalate Maximum White nor any of the Claira 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.