



Technical Data Sheet #347  
2/25/2010

## Claira™ Non-Phthalate Special Effects Inks

### NPT Special Effects Inks

#### Description

Claira NPT Special Effects inks were created each one for a specific application. The applications and techniques are available on our web site, [www.rutlandinc.com](http://www.rutlandinc.com) under the Gallery of Print tab. Each gallery card has a specific design type that can be developed by using the steps presented on the card along with the Special Effect Inks listed below. Although NPT Special Effects inks may be used by the artist to create other looks and styles, to create the design from the Gallery of Print tab, the particular NPT Special Effects ink must be used where specified.

**SE0472 NPT SOFT TWILL BASE** - Mix SE0472 with appropriate color formula and then print through a 83 mc in (32 mc cm) mesh count through a 300 micron capillary film. Use a 60/90/60 squeegee. SE0472 should be cured at 320 degrees f. (160 degrees C.)

**SE0692 NAIL HEAD INK** - Print SE0692 through a 33 mc in (13 mc cm) mesh count through a 400 micron film. Use a 60 durometer squeegee. SE0692 should be cured at 320 degrees f. (160 degrees C.)

**SE0861 NPT SAND PAPER BASE** - Print SE0861 through a 24 mc in (9.5 mc cm) mesh count. Use a 60/90/60 squeegee. SE0861 should be cured at 320 degrees f. (160 degrees C.)

**SE2137 NPT DENIM (A)** - Print SE2137 through a 156 mc in (64 mc cm) mesh count. Use a 60/90/60 squeegee. SE2137 should be cured at 320 degrees f. (160 degrees C.)

\*Note to 100% Cotton users: 100% Cotton could have a ghost image appear if printed with this SE2137. Test the particular color garment prior to printing production run to insure this product will not cause a ghost on your garment. See Test Procedures at [www.rutlandinc.com](http://www.rutlandinc.com).

**SE2231 NPT DENIM (B)** - Print SE2231 through a 305 mc in (120 mc cm) mesh count. Use a 70/90/70 squeegee. SE2231 should be cured at 320 degrees f. (160 degrees C.)

**SE3246 NPT SAND PAPER DETAIL** - Print SE3246 through a 255 mc in (100 mc cm) mesh count. Use a 70/90/70 squeegee. SE3246 should be cured at 320 degrees f. (160 degrees C.)

**SE7946 NPT LEATHER (A) INK** - Print SE7946 through a 83 mc in (32 mc cm) mesh count through a 300 micron film. Use a 60/90/60 squeegee. SE7946 should be cured at 320–340 degrees f. (160–171 degrees C.)

**SE8248 NPT LEATHER (B)** - Print SE8248 through a 110 mc in (43 mc cm) mesh count. Use a 60/90/60 squeegee. SE8248 should be cured at 320 degrees f. (160 degrees C.)



Water Base PVC Free Special Effect Inks (page 2)

**WS0269 BURN OUT 80** - Print mixture of 80% WS0269 and 20% WS0273 through a 110 mc in (43 mc cm) mesh count onto polyester/ cotton blend fabrics. Use a 60/90/60 squeegee. Print should be cured at 320 degrees f. (160 degrees C.) Rinse with warm water and dry. The warm water rinse removes the cotton fibers from the blended fabric leaving a sheer fabric where the design was printed.

**WS0273 BURNOUT 20** - Print mixture of 80% WS0269 and 20% WS0273 through a 110 mc in (43 mc cm) mesh count onto polyester/ cotton blend fabrics. Use a 60/90/60 squeegee. Print should be cured at 320 degrees f. (160 degrees C.) Rinse with warm water and dry. The warm water rinse removes the cotton fibers from the blended fabric leaving a sheer fabric where the design was printed.

**WS0277 VINTAGE (B)** Mix WS0277 with up to 20% WB-99 PS Colors. Print the mixture through a 83mc in (32 mc cm) mesh count through a double coated print side emulsion on the screen. Use a 60 durometer squeegee. The mixture should be cured at 320 degrees f. (160 degrees C.) Allow the print to cool and then pull on the image to achieve a cracked print.

**WS9070 VINTAGE (A)** - Print WS9070 through a 83mc in (32 mc cm) mesh count through a double coated print side emulsion on the screen. Use a 60 durometer squeegee. WS9070 should be cured at 320 degrees f. (160 degrees C.) Allow the print to cool and then pull on the image to achieve a cracked print.