

FEATURES

- 3817* Senti Non-Phthalate (NP) Black works as a printing black to achieve super soft hand prints.
- Promotes excellent penetration into fabrics when printing with fine mesh counts.
- Obtains a deep black color that will look and feel similar to a waterbase print.
- Excellent for all-over prints.

*Lead Compliant (Contains less than 90 ppm lead)

Application & Storage Information

RECOMMENDED FABRICS	100% cotton, cotton/polyester blends and some 100% polyester fabrics. Always test print fabric before beginning a production run.
INK APPLICATION	3817 Senti Black is a finished, ready-to-use ink and should be used distinctly on the garment with little or no modifications.
SCREEN MESH AND EMULSION	160-230 t/in or 63-90 t/cm Monofilament Any direct or indirect solvent resistant emulsion.
SQUEEGEE	65-70 Durometer: Sharp Edge 60-90-60 or 70-90-70 Triple Durometer: Sharp Edge
CURE TEMPERATURES	325°F (163°C) entire ink film. Fusion temperature may vary, depending into which inks 3817 Senti Black is mixed. Since plastisols do not air dry, they must be fused with an appropriate heat source in order to achieve durability. The optimum time/temperature cycle will vary with the amount of ink deposited, fabric and the type of heat source used. Test dryer temperatures and wash test printed product before and during a production run.
CLEAN-UP	Environmentally friendly plastisol screen wash or mineral spirits.
PRODUCT PACKAGING	5 Gallon Pails, 30 or 50 Gallon Fiber Drums
STORAGE OF INK CONTAINERS	Keep inks indoor and store in a cool area. Recommend storage at 65° F to 90°F (18°C to 32°C). Avoid storage in direct sunlight or in extreme temperature conditions
PRODUCT MSDS	Refer to material safety data sheet MSDS8.

SPOT FLASHING

This product will spot dry with a very low after flash tack in 2 to 8 seconds depending on the spot dryer used. In some cases, you may have to lower the heat of the spot cure unit because too much heat may actually make the ink tacky. When you spot dry, you are only partially fusing or gelling the surface of the ink. The ink should just be dry to the touch, with no lift off, but not totally fused. Totally fusing the underprint white may cause inter-coat adhesion problems with the inks printed on top of the white ink. Final fusing or curing should occur in the dryer.

IMPORTANT INFORMATION

1. 3817 Senti Black is not a color-mixing black.
2. This product is intended for use as is, without any other modifications.
3. Fibrillation can occur when printing on some cotton fabrics, especially when printing the 3817 Senti Black through finer mesh counts

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3817 NP SENTRI BLACK