

Sentri Line of Soft-Hand Enhancers

International Coatings' new line of Sentri soft-hand enhancers are here: **3816 Sentri Clear**, **3817 Sentri Black**, and **3818 Sentri Curable Reducer**.

The Sentri Line was developed in response to customer demand and has been tested at some of North America's largest printers. Current fashion trends feature soft-hand prints on T-shirts, button-down shirts, even on skirts and dresses. The feedback from our customers has been overwhelmingly positive. In fact, the Sentri line has become one of our top sellers within the first two months of its introduction.

Order the Sentri product that is right for you:

- ➔ **3816 Sentri Clear** can be mixed with finished colors or color concentrates or used as an extender base, curable thinner, or as a top clear coat for reducing fibrillation.
- ➔ **3817 Sentri Black** – offers a deep black color that looks and feels similar to a water base print; it works well with fine mesh counts.
- ➔ **3818 Sentri Curable Reducer** - offers much improved hand over other viscosity-modifying products and extends yield when used as an additive.
- ➔ The Sentri Line is Non-Phthalate

Order your Sentri products today and test them for yourself! The Sentri line of soft-hand enhancers is available through International Coatings' exclusive network of distributor companies.

Contact us at 1 (800) 423-4103 (within the U.S. only) or 1 (562) 926-1010, or visit www.iccink.com for more information.



Sentri Clear



Sentri Black



Sentri Reducer

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International Coatings™
Creating Performance Solutions

Sentri Line Product Bulletin

Sentri Clear Only. Please go to iccink.com for additional Product Bulletins.

FEATURES

- 3816* Sentri Non-Phthalate (NP) Clear works as a soft clear enhancer.
- Can be mixed with finished colors or concentrates to achieve super-soft prints.
- Excellent penetration into fabrics when printing with fine mesh counts.
- Can be used as an extender base, curable thinner, or as a top clear coat for reducing fibrillation.

*Lead Compliant (Contains less than 90 ppm lead)

Application & Storage Information

RECOMMENDED FABRICS	100% cotton. Some light colored cotton/polyester blends and 100% polyester. Always test print fabric before beginning a production run for adhesion, curing and possible dye migration.
INK APPLICATION	3816 can be added to 700 Series, Multipurpose, 1100 Series, 7400 Series, 7400CC, 7500 Series, 7600 Series and 800 Series inks for improved hand, cost and printability. Mix with opaque colors to reduce cost, opacity and increase color clarity. 3816 is very clear and is recommended highly for extending any process color, especially the Pro-Brite™ Process Colors.
SCREEN MESH AND EMULSION	60-230 t/in or 24-90 t/cm Monofilament Use 110-230 t/in or 43-90 t/cm Monofilament for under basing Any direct or indirect solvent resistant emulsion. Use 35 to 70 micron capillary film for best results.
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 3816 Sentri Clear 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 indoors 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 under 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. For a softer hand, add approximately 10% to 20%, by weight, of 3816 Clear. More may be added, if necessary, without affecting the cure or fusing of the mixed ink. The more Sentri Clear that is added, the less opaque the mixed ink will be.
2. For white or light fabrics use as a base and add 5% to 25%, by weight, of a finished color or color concentrate to create a very soft feel similar to a water base print. Printing through fine mesh counts can improve the feel for a super soft effect.
3. 3816 Sentri Clear is not a low bleed plastisol and is not recommended for use on poly/cotton or 100% poly fabrics that may be prone to dye migration.

Recommendations and statements made are based on International Coatings' research and experience. Since International Coatings does not have any control over the conditions of use or storage of the product sold, International Coatings cannot guarantee the results obtained through use of its products. All products are sold and samples given without any representation of warranty, expressed or implied, of fitness for any particular purpose or otherwise, and upon condition that the buyer shall determine the suitability of the product for its own purpose. This applies also where rights of third parties are involved. It does not release the user from the obligation to test the suitability of the product for the intended purpose and application.

3816 NP SENTRI CLEAR

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