Centris™ Non-Phthalate

Reducers

International Coatings™
Textile Screen Printing Inks

RECOMMENDED FABRICS
Match the reducer being used with the characteristics of of the ink being modified. Ex: LO-Bleed Reducer with Low Bleed Inks.

INK APPLICATION
N/A (Not applicable on this product sheet)

ADDITIVES
N/A (Not applicable on this product sheet)

SCREEN MESH
N/A (Determined by ink the reducer is mixed with)

EMULSION
Any direct or indirect emulsion or capillary film in the 35 to 70 micron range

SQUEEGEE
60-70 Durometer
Sharp, beveled or round depending on ink used

CURE TEMPERATURES
N/A (Determined by ink the reducer is mixed with)

CLEAN-UP
Any Eco-friendly plastisol screen wash

PRODUCT PACKAGING
Quart, 1 gallon, 5 gallon, 30 gallon or 50 gallon containers

STORAGE OF INK CONTAINERS
65º to 90ºF (18ºC to 32ºC)
Avoid storage in direct sunlight
Keep containers well sealed

MSDS
Refer to MSDS8

IMPORTANT INFORMATION

All products listed below have only been tested with International Coating's inks. If these products are used with another manufacture's products, proper testing must be done to help insure the performance and durability of the mixed product. The use of a curable reducer is highly recommended for general use when adjusting the viscosity of plastisol inks.

Products that are designated as *curable reducers* will fuse or cure by themselves with the application of proper heat and time. The use of a curable reducer is highly recommended for general use when adjusting the viscosity of plastisol inks because these curable reducers and modifiers can fuse or cure by themselves with the proper application of heat and time. This means that if too much of the curable reducer or curable modifier is added, the mixed ink will still fuse or cure.

The more curable reducer or curable modifier added, the more the opacity of the mixed product will be lowered.

1099 NP LO-BLEED CURABLE REDUCER

1099 NP (Non-Phthalate), Lo-Bleed reducer will lower the viscosity of both HP and standard opacity plastisol inks. While 1099 reducer can be used in most standard plastisol inks, it is highly recommended for use in Lo-Bleed inks as the 1099 will not affect the bleed resistance or fusing characteristics of those type inks.

When adding reducers to any plastisol ink, be careful to use a minimal amount of reducer to help maintain opacity. The recommended amount of 1099 to use is 1% to 5% by weight.

1110 NP CURABLE REDUCER

1110 NP (Non-Phthalate) Curable reducer lowers the viscosity of plastisol inks without affecting the fusing characteristics.

When adding reducers to any plastisol ink, use a minimal amount of reducer to help maintain opacity. The recommended proportion of 1110 reducer to ink is 1% to 10% by weight.

Note that the 1110 reducer should not be used in low bleed inks as it can lower the bleed resistance of those type inks.

3818 NP VISCOSITY MODIFIER

3818 NP (Non-Phthalate) Sentri Curable Reducer can be used as a viscosity modifier or soft hand additive. This product offers a much improved hand over other viscosity-modifying products and can also extend the yield of mixed plastisol inks when used as an additive.

To produce a softer hand, add 10% to 20% by weight of the 3818 reducer. To lower viscosity, use 1% to 10% by weight. The more 3818 is added, the more the opacity of the mixed ink is lowered, but the softer the hand.

Note that the 3818 viscosity modifier should not be used in low bleed inks as it can lower the bleed resistance of those type inks.

LBX NP VISCOSITY MODIFIER

LBX NP (Non-Phthalate) is a liquid plasticizer used for reducing the viscosity of standard plastisol inks.

The recommended proportion is 1% to 5% by weight.

LBX is a non-curable viscosity modifier and if used in excess will cause fusing or curing problems. LBX should not be used in any low bleed inks as it will greatly lower the bleed resistance of those inks.

DISCLAIMER