



Recommendations	
Product Overview	
Product Code	ES0221
Industry	Inks
Application	Screen Printing
Category	Specialty Inks
Sub-Category	Base
Chemistry	Plastisol
Substrate(s)	Cotton
Best Used By	12 months
Certification(s)	ISO9001
Curing:	
Fusion Temperature	320 °F
Gel Point	160 °F
Performance:	
Viscosity	Low
Coverage	Clear
After Flash Tack	Low
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	Slow/Medium
Screen:	
Mesh	As per flake size used
Cleanup	Bio-degradable screen wash
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)
Storage Notes	Avoid direct sun.

Last Change: Feb 2017

NPT GLITTER BASE

ES0221 NPT Glitter Base is designed to enhance the look of glitter flakes when printed onto textiles. Glitter flakes are normally slightly subdued because of the clear base that surrounds the flakes. ES0221 will shrink away from the flake causing the sparkle to be more brilliant. Base for Glitters and Metallics to give that glimmer look. Shrinks away from the flakes leaving a more brilliant sparkle. Provides excellent adhesion to the flakes to minimize flake off. Allows printing several colors of metallic inks on same design.

Features

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Instructions

ES0221 Glitter Base allows addition of up to 15% glitter flakes. Print through appropriate mesh for the size glitter flake being used. Print with a sharp edge, medium durometer squeegee, with heavy pressure. The heavy pressure allows the base to shrink away from the flake. Cure at 320°F (160°C.). Wash test garment to insure good adhesion. Too much print pressure can cause too little base to be on the surface for a good adhesion to the flake. Note: Some minor flake off is normal because some of the flakes can break off when first rubbed.

Recommendation

Do not dry clean, bleach, or iron the printed image. Clair Colors™, bases, modifiers and additives should be mixed in clean vessels using clean mixer blades and utensils. Any contamination from other ink sources or non approved additives could make Clair Colors™ test positive for the restricted phthalates.

Statement

Rutland Plastic Technologies does not knowingly add plasticizers containing the phthalates listed and outlined in California Bill 1108, CPSIA 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-isobutyl, and (DMP) Dimethylphthalate, including esters of ortho-phthalic acid and are not direct ingredients in the manufacture of Clair High Opacity Non-Phthalate 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.

Disclaimer:

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