

Technical Data Sheet #368

03/21/2012

Wet Ink Tack	Low
After Flash Tack	Low
Printability	Good
Surface Appearance	N/A
Opacity/Viscosity	Clear/Low
Gel Point/Flash Time	160°F (71°C.)
Fusion Temperature	320°F (160°C.)
Squeegee Hardness	Medium
Squeegee Blade	Sharp
Squeegee Angle	45°
Squeegee Speed	Slow/Medium
Emulsions	All capillary films, direct or indirect liquid emulsions.
Mesh Count	As per flake size used
Extender	N/A
Thickener	N/A
Storage	65°F to 95°F (18°C to 35°). Avoid direct sun.
Cleanup	Bio-degradable screen wash
MSDS	#5
Substrate Type	Cotton
Substrate Color(s)	Light, Medium, & Dark fabrics

ES Specialty Inks

ES0221 NPT Glitter Base

Description

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.

Features

- 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.
- Non-phthalate for RSL compliance

Application

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.

Special Recommendations

- **Do not dry clean, bleach, or iron the printed image.**

Claira 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 Claira Colors™ test positive for the restricted phthalates.

Rutland Plastic Technologies does not knowingly add plasticizers containing the phthalates listed and outlined in California Bill 1108, CPSC 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-iso-butyl, and (DMP) Dimethylphthalate, including esters of ortho-phthalic acid and are not direct ingredients in the manufacture of Claira™ High Opacity Non-Phthalate Mixing System Inks and Claira™ Non-Phthalate Concentrate Mixing System 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.