



Recommendations	
Product Overview	
Product Code	UPLC0431
Industry	Inks
Application	Screen Printing
Category	Stock Colors
Chemistry	Plastisol
Substrate(s)	Poly
Best Used By	12 months
Certification(s)	ISO9001
Curing:	
Fusion Temperature	270 °F
Performance:	
Coverage	High Opacity
After Flash Tack	Decreases with increased mesh
Squeegee:	
Squeegee Profile	Sharp, Square
Squeegee Type	Polyurethane
Squeegee Angle	10° - 20°
Storage:	
Storage Temperature	65°F - 95°F (18°C - 35°C)
Storage Notes	Avoid direct sunlight

Last Change: Mar 2020

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With the continued growth of polyester and blended fabrics, screen printers face many challenges choosing the right inks to print— including overcoming dye migration and getting a softer hand of the print. The dyes used in certain polyester fabrics can migrate into the printed area when cured at normal (320°F/160°C) temperatures resulting in quality issues with printed goods being possibly returned or even scrapped. Standard plastisol inks also impart a heavy hand that does not correlate with the fashion forward softer fabrics. These inks are formulated to cure at a lower temperature to lower energy consumption, prevent shrinkage of heat-sensitive fabrics, and minimize dye migration, even on fabrics prone to bleed. The inks are creamy in texture, enabling faster printing, and provide a softer hand than standard-curing plastisol inks. Combine these attributes with the low ghosting, better mat down and high opacity printing, and printers have another option to solve common ink/substrate printing issues.

Statement

Union Ink 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-iso-butyl, and (DMP) Dimethylphthalate, including esters of ortho-phthalic acid and are not direct ingredients in the manufacture of our Non-Phthalate Inks. Union Ink 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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