



Recommendations	
<b>Product Overview</b>	
Product Code	MIXEF211
Industry	Inks
Application	Screen Printing
Category	Mixing Inks
Chemistry	Plastisol
Substrate(s)	Cotton
Best Used By	12 months
Certification(s)	ISO9001
<b>Performance:</b>	
Coverage	High Opacity
After Flash Tack	Decreases with increased mesh
<b>Squeegee:</b>	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Angle	10° - 20°
<b>Screen:</b>	
Mesh	60 to 230
<b>Storage:</b>	
Storage Temperature	65°F - 95°F (18°C - 35°C)

*Last Change: Nov 2016*

## EF MIXOPAKE ORBIT YELLOW

### Instructions

100% cotton white or dyed fabric. consistent & accurate color matches Stencils: Use any direct emulsion or capillary film compatible with plastisol inks Additives: We do not recommend reducing Mixopake inks when printing on dark fabrics as this will reduce the opacity of the finished print. If necessary, reduce with 5-10% of Reducer (PLRE-9000). When printing on light colored fabrics you may add Extender Base or Soft-hand Base in a ratio of up to three parts base to one part ink. This will reduce the opacity of the ink and result in a softer hand however, the color will not be changed. If build-up on the back of the screen becomes a problem, add 1-2% by weight of Flow Control Additive (MIXO/MIXE-9020). Color Mixing Instructions: The formulas and instructions for simulating the standard PANTONE® colors and the Union Ink standard colors are available free after registering on our web page @ [www.unionink.com](http://www.unionink.com). Printing on Cotton / Polyester Blends: For excellent results on cotton / polyester blended fabrics, substitute MIXE Low Bleed colors for the standard Mixopake colors. Alternately, the regular colors can be printed over a low-bleed underbase white such as PLHE-1070 /1075 Diamond and Premium Low Bleed Whites. Overprint Mixopake inks through 140-305 (55-120 metric) monofilament mesh. Curing Instructions: These inks will fully cure when the entire thickness of ink layer reaches 300°F (149°C). PRODUCTS: Standard Mixing Colors MIXE-1000 Super White / MIXE-3007 Red B/S / MIXE-5001 Blue G/S / MIXE-2002 Yellow G/S / MIXE-4001 Magenta / MIXE-5003 Blue R/S / MIXE-2042 Yellow R/S / MIXE-4002 Violet / MIXE-6002 Green / MIXE-3002 Red Y/S / MIXE-4003 Cerise / MIXE-8000 Black Neon Colors MIXE-F211 Neon Orbit Yellow / MIXE-F312 Neon Aurora Pink / MIXE-F511 Neon Solar Blue / MIXE-F212 Neon Golden Yellow / MIXE-F411 Neon Magenta / MIXE-F611 Neon Traffic Green / MIXE-F214 Neon Flame Orange / Low-Bleed Colors MIXE-2005 Low-Bleed Yellow G/S / MIXE-2045 Low-Bleed Yellow R/S / MIXE-4005 Low-Bleed Magenta Additives MIXE-9070 Soft-Hand Base / MIXE-9090 Extender Base Color Key G/S indicates Green Shade / Y/S indicates Yellow Shade R/S indicates Red Shade / B/S indicates Blue Shade

### Recommendation

Caution: Always test this product for curing, adhesion, crocking, opacity, washability and other specific requirements prior to using in production.

### 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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