

EKO™

PVC-Free Plastisol

**Your environmental
knock-out solution for
PVC-Free Plastisol Ink**



Feels like, looks like, performs like
standards plastisol ink.

**“Rutland has achieved the most printer
friendly PVC-Free plastisol ink
in the market!”**

Look to Rutland for your
Screen Printing solutions.

EKO RFU Mixing Colors:

RS1028 EKO Violet	RS4022 EKO Yellow
RS2029 EKO Blue RQ	RS5023 EKO Fluo Orange
RS2030 EKO Blue I 500	RS6024 EKO Red NM
RS2032 EKO Blue B	RS6025 EKO Fluo Rose
RS3031 EKO Green	RS6026 EKO Fluo Fuchsia
RS4019 EKO Fluo Yellow	RS6027 EKO Magenta NM
RS4021 EKO Lemon NM	RS8033 EKO Black
RS9994 EKO Cotton White	RL9090 EKO LB White

Additives, Modifiers and Bases

RS0015 EKO Suede Additive	RS0055 EKO Matte Additive
RS0994 EKO Natural Base	RS0877 EKO Silver 877C
RS0944 EKO Black Barrier	RS0002 EKO Vis. Reducer

Special Recommendations:

- ◇ The formulations of all EKO ink mixtures of Rutland only produce simulations for Pantone® Colors. The accuracy of the colors may be affected due to the choice of ink film thickness, opacity, metamerism and whether its formulated for an underlay or not.
- ◇ It is necessary to stir the product before printing.
- ◇ Do not dry clean, bleach or iron the printed image.

Rutland®
Plastic Technologies, Inc.
www.rutlandinc.com

EKO™

PVC-Free RFU Mixing System

DESCRIPTION
FEATURES

EKO is a combination of 14 RFU mixing primaries plus cotton white that when mixed together simulates PANTONE® colors quickly and accurately.

- ◆ Excellent adhesion.
- ◆ Intense colors.
- ◆ Low crocking colors.
- ◆ Will not dry in screens.
- ◆ Very supple print with ability to stretch and regain its original shape.
- ◆ Passes major brand durability testing including 5 x 60 wash test.
- ◆ Passes all requirements for major brand RSL and government regulations.
- ◆ Easy to mix and print.

ANY APPLICATION NOT REFERENCED IN THIS TECHNICAL DATA SHOULD BE PRE-TESTED OR CONSULTATION SOUGHT WITH RUTLAND'S APPLICATIONS LABORATORY PRIOR TO PRINTING. CALL 704-553-0046 EXT. 151 FOR MORE INFORMATION.

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Technical Data Sheet

Technical Table

Application	Screen Printing
Substrates	Polyester, Poly/Cotton blends, 100% Cotton
Surface Appearance	Matte finish, soft hand
Emulsion	Direct
Mesh Count	83-200 in. (32-77 cm.)
Squeegee Hardness	60-90-60 compound squeegee
Squeegee Blade	Sharp
Squeegee Angle	45°
Squeegee Speed	Medium-Fast
Underlay	RS0992 EKO Barrier Black—100% Poly
Curing Temperature	300°F (149°C) - 320°F (160°C)
Thinner/Reducer	RS0002 EKO Viscosity Reducer
Storage	Store in closed container 65°F-95°F (18°C-35°C)
MSDS	013

Compliance Chart for EKO

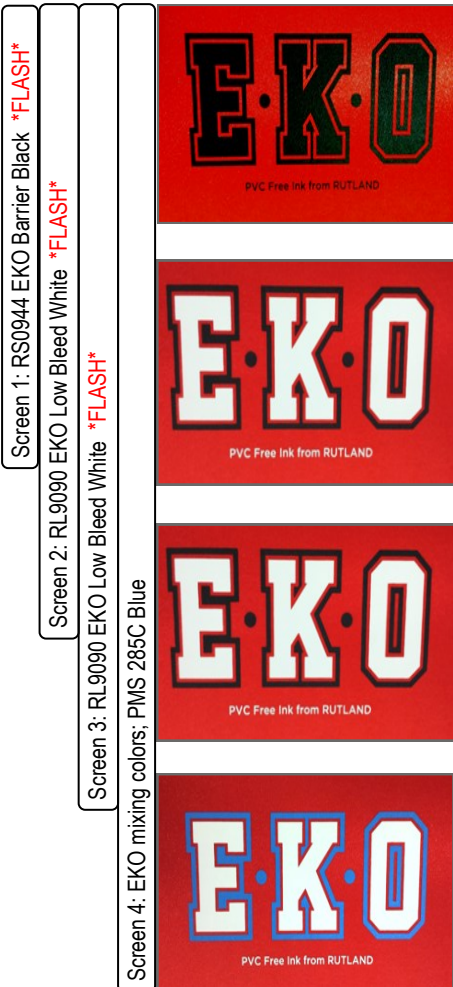
California Bill 1108	✓
CPSIA HR-4040	✓
Oeko-tex Standard 100	✓
No Lead	✓
No Formaldehyde	✓
No APEO's	✓
No Phthalates	✓
No PVC	✓

RS0944 EKO BARRIER BLACK

RL9090 EKO LOW BLEED WHITE



Print Application for 100% Polyester



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