

PRODUCT DATA SHEET

Product: Triumph™
Series: Sheetfed Offset Inks

Kohl & Madden 135 West Lake Street Northlake, Illinois 60164 708-562-0550


DESCRIPTION:

Sheetfed printers require higher performance offset inks for high-end applications. Kohl & Madden has developed Triumph process inks for cases when more intense product performance is required. These process inks are based upon a new resin chemistry that helps intensify pigment wetting properties to promote higher color strength. Triumph process inks are formulated for instances when reduced ink film-weights or increased print density is required.

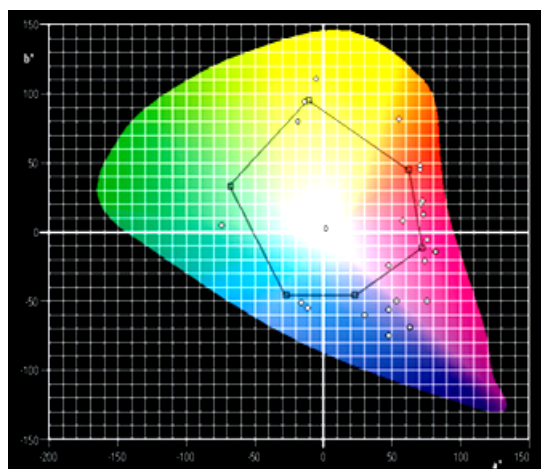
PRODUCT RANGE:

Process Colors:

Products	Formula#	VOC%	VOC Content
Process Yellow	MNQS F2220181	9.8%	0.84 lbs/gal
Process Magenta	MNQS F4220180	9.8%	0.85 lbs/gal
Process Cyan	MNQS F5220179	8.7%	0.75 lbs/gal
Process Black	MNQS F9220178	11.0%	0.99 lbs/gal



Low volatile organic content - VOC
Vegetable oil content range: 28% - 35%



TYPICAL CHARACTERISTICS

All K&M process inks are in-line aqueous coat-able and set quickly producing a hard rub resistant ink film. Process sets are ISO 2846-1 color compliant to help simplify meeting all color requirements including GRACoL certification.

OTHER FEATURES:

- Off-line UV coatable*
- Designed for the most modern high speed sheetfed printing presses
- Low misting
- Laminate-able*
- Laser imprintable*
- Good gloss when not coated
- Carefully tack and viscosity rated to help maximize trap efficiency

* Adequate ink drying time must be allowed (minimum 24 – 72 hours) depending on ink coverage and stock type.

PRESSROOM CHEMISTRY

Maximum performance can be achieved when Triumph inks are used in combination with Rycoline aqueous coatings and Green Diamond 251/AR fountain solution. All products are chemically matched and technically supported to help minimize make-ready time and reduce running waste. A complete line of blankets, press washes and other pressroom chemicals is also offered by Rycoline.

SOMETHING EXTRA

K&M scientists have innovated a revolutionary new ink concept to help printers produce amazing print fidelity. **Dot gain, print contrast, gray balance and trap efficiency of each Triumph ink has been carefully formulated to help widen your color gamut and produce “UNMATCHED” print resolution.** Triumph inks come to color very fast and hold color exceptionally well. Very fast setting properties help minimize work and turn time. This technology offers a very wide water window. **Lithographic performance and ink rheology have been specifically designed for very high press speeds.**

The abrasion resistance of Triumph process inks is excellent on a variety of stocks, including coated, uncoated, matte and satin type papers.



Current Triumph SAP Numbers

6.1.08

<u>Description</u>	<u>Pkg Code</u>	<u>SAP#</u>	<u>Pkg Type</u>
SF TRIUMPH PRO BLACK	C229	90836806	5# Slip Lid
SF TRIUMPH PRO CYAN	C229	90836823	5# Slip Lid
SF TRIUMPH PRO MAGENTA	C229	90836822	5# Slip Lid
SF TRIUMPH PRO YELLOW	C229	90836807	5# Slip Lid
SF TRIUMPH PRO BLACK	F239	90884695	8# Canister
SF TRIUMPH PRO CYAN	F239	90891951	8# Canister
SF TRIUMPH PRO MAGENTA	F239	90891950	8# Canister
SF TRIUMPH PRO YELLOW	F239	90891889	8# Canister
SF TRIUMPH PRO BLACK	F235	90880801	4# Canister
SF TRIUMPH PRO CYAN	F235	90880804	4# Canister
SF TRIUMPH PRO MAGENTA	F235	90880803	4# Canister
SF TRIUMPH PRO YELLOW	F235	90880802	4# Canister

