

PRODUCT DATA SHEET

Product: Freedom™
Series: Sheetfed Offset Inks

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

DESCRIPTION:

To respond to a market needs for high productivity printing conditions, Kohl and Madden introduces Freedom process inks. This new set of process inks is made from a novel chemistry and provides unmatched lithographic performance to help produce a wide color gamut and excellent print fidelity. Freedom offers excellent press stability and ease of use.

PRODUCT RANGE:

Process Colors:

Products	Formula#	SAP 5 lb Cans (slip lid)	%VOC	VOC Content
Process Yellow	NSP7762A1	90812431	13.8%	1.17 lbs/gal
Process Magenta	NSP7764A1	90812432	9.0%	0.77 lbs/gal
Process Cyan	NSP7765A1	90810879	12.7%	1.08 lbs/gal
Process Black	NSP7769D5	90810911	10.7%	0.91 lbs/gal

Other types of containers are available

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 Freedom inks are used in combination with Rycoline aqueous coatings and Green Diamond 567 or 251/AR fountain solutions. 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 & other pressroom chemicals are also offered by Rycoline.



SOMETHING EXTRA

Freedom inks offer excellent pigment strength to help produce low dot gain, proper gray balance, print contrast and hue, yielding great print fidelity. **Enhanced ink mileage helps generate outstanding applied economics.** Freedom inks come to color fast and hold color very well. This set of process inks is a “stay-open” type and remain fresh in the fountain for 72 hours or more. You can feel secure leaving it overnight without fear of any skinning issues.

