



PRODUCT DATA SHEET

**Product: Earth™**  
**Series: Sheetfed Offset Inks**

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

**DESCRIPTION:**

Kohl & Madden Earth series inks were designed to be very environmentally friendly, yet perform extremely well under the most demanding lithographic conditions. These process inks offer very low VOC's, a very high level of vegetable oil and still set quickly on most types of paper. Kohl & Madden has formulated the Earth series to come to color fast, maintain density well during press runs and print well with outstanding dot reproduction properties.

**PROCESS COLORS:**

Products	Formula#	SAP# 5lb canst Slip-Lid type cans	VOC %	VOC Content
Process Yellow	SF4Y10001	90884554	2.4%	0.22 lbs/gal
Process Magenta	SF3M10001	90884552	1.7%	0.15 lbs/gal
Process Cyan	SF2C10001	90884551	1.4%	0.11 lbs/gal
Process Black	SF1K10001	90884489	2.5%	0.22 lbs/gal



**Very low volatile organic content – VOC's**  
**Total vegetable oil content range: 38-51%**  
**Soybean oil content range 12-16%**

**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 coat-able\*
- Laminate-able\*
- Laser imprintable\*
- Excellent gloss when not coated
- Carefully tack and viscosity rated to help maximize trap efficiency
- Sets very well
- Wide water window

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

**SOMETHING EXTRA**

Earth series inks offer VOC's levels of around 2%, which is extremely low based upon industry averages. This set of process inks also contain K&M's highest level of vegetable oil, helping this technology be one of the most environmentally friendly ink concepts available today. This K&M set of inks is also a "Stay Open" product which means that these inks remain fountain fresh for extended periods of time. Earth Series inks transfer very well and produce excellent gloss.

**PRESSROOM CHEMISTRY**

Maximum performance can be achieved when Earth Series inks are used in combination with Rycoline aqueous coatings and Green Diamond 567, 251/AR, Synergy or Liberty 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.

† Other types of containers are available



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