



Envirocure[®]
Energy Curable

TECHNICAL BULLETIN

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LOW VISCOSITY UV CURABLE FLEXOGRAPHIC INKS

ENVIROCURE[®] ULTRA FLEX III[™] FADE RESISTANT

ENVIROCURE[®] Ultra Flex III[™] Fade Resistant inks combine high color strength with very low viscosity for the ultimate in UV flexo printing capabilities. Ultra Flex III inks are engineered for printers who demand the highest quality attainable in flexo printing. These intense inks pack the color strength required to print process colors on 800 line aniloxes.

ENVIROCURE[®] Ultra Flex III[™] Fade Resistant inks show improved product and chemical resistance over conventional flexo inks. In many instances this eliminates the need for overprinting with protective coatings or film laminations. Ultra Flex III has excellent adhesion to many paper and film substrates. Combined with the EASY INK CONTROLLER, Ultra Flex III allows the converter to easily, and economically, manage their ink room needs for UV Flexo inks. **ENVIROCURE[®] Ultra Flex III[™] Fade Resistant** inks are available in all Pantone[®] colors.

Features

Benefits

High Strength	Blending colors can be used for process printing
Low Viscosity	Lower foaming and less ink waste due to clingage
Broad Color Palette	Full range of fade resistant colors available.
Good Chemical Resistance	Eliminate OPV or laminated to reduce costs
Combination Printing Capable	Enhanced graphics achieved with Rotary Screen Inks.

EASY INK CONTROLLER

The EASY INK CONTROLLER is a manual ink blending system integrated with a Computer, Scale, Ink Jet Printer and optional Barcode Reader and Printer. The EASY INK CONTROLLER allows the converter to accurately mix PMS[®], and custom colors. The EASY INK CONTROLLER features a Mileage Calculator, Ink Rework Utility, and Inventory System. The EASY INK CONTROLLER will save time and money by eliminating errors. The EASY INK CONTROLLER is compatible with Environmental Inks & Coatings' ENVIROCURE[®] Phase 860 , UV Flexo, and Waterbase Flexo Inks.

ENVIROCURE® ULTRA FLEX III™ FADE RESISTANT

ENVIROCURE® Ultra Flex III™ Fade Resistant UV Flexo inks are formulated to print on paper, most top-coated and treated film substrates. The system provides excellent print quality, high color strength, and outstanding ink mileage. When printing with **ENVIROCURE® Ultra Flex III™ Fade Resistant** inks a waterbase or UV top-coating can be applied for further protection and gloss. Base mixing colors* are available for use in our Easy Ink Controller Computer Mixing System.

Technical Data:

Substrates.....Paper and Films
 Color Reductions.....Use UF-170467 UF III Extender Varnish
 Storage.....Store between 65/72°, out of direct sunlight, and with airspace in container

Product Codes Blue Wool Value Masstone

Extender Varnish	UF170467	
Process Cyan Blue FR* ...	UF271030	7-8
Carbazole Violet FR*	UF271228	7-8
Yellow SFR.....	UF370921.....	7-8
Yellow FR*	UF370685.....	5-6
Orange*.....	UF370790	6
Y/S Red SFR.....	UF570921.....	8
B/S Red SFR.....	UF571151	8
Rhodamine SFR.....	UF570993.....	8
Y/S Naphthol FR*.....	UF570847.....	5-6
Rubine Magenta FR.....	UF570852.....	5-6
Green FR*	UF670672	7-8
Opaque White FR*	UF770079	7-8
Special Process Black FR.....	UF970331	7-8
Mixing Black FR*	UF970339	7-8
Pro. Cyan Blue FR HD ...	UF271057	7-8
Pro. Yellow FR HD.....	UF370724.....	5-6
Rubine Magenta FR HD ..	UF570924	6
Process Black FR HD	UF970343	7-8

* *Base mixing colors*

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