

Product: UV Offset Printing Inks

Series: Suncure™ Lazer

DESCRIPTION: Suncure Lazer is a UV printing ink system formulated to run on high speed web offset and sheetfed presses. Ideal for secondary requirements, those requirements could be lasering, foil stamping, and over coated with aqueous or UV coatings. Suncure Lazer is ideally suited for the business forms, direct mail, and commercial printing markets when printing on paper substrates.

Benefits:

- Outstanding print contrast
- Very good dot sharpness
- Laser-able
- Abrasion resistant
- Wide water tolerance for start-up ease
- Exceptional color recovery (start/stops)
- Press stable
- Excellent cure response for high speed printing
- Designed to meet production needs of secondary impression
- Low to no mist
- Suitable for in-line or off-line coating
- [Meets the requirements of ISO12647:2](#)

Substrate Recommendations:

- Coated paper
- Uncoated paper
- Matte paper

Available Colors:

- Process colors
- Blending colors
- Lightfast blending colors
- Special colors available on request

Application Data:

The 4/C inks are formulated to be tack rated with the sequence being black, cyan, magenta, and yellow.

The blending inks are unitack.

Tack = 18 +/- 2

Recommended Chemistries:

Compatible with a wide range of press consumables.

Synergy One-Step fountain solution and Green Diamond 251/AR products are supported by the Rycoline technical team to help printers optimize print efficiency. Sun Chemical recommends to set fountain solution pan temperature at 63 degrees F. Roller train temperatures should be held between 78-80 degrees F.

In addition, Rycoline offers a Synergy UV wash – 123304.

Storage Considerations:

Energy curing inks and coatings should be stored in closed containers and not exposed to sunlight. Avoid cross contamination to unknown particles and other printing inks and other chemistries. Rotate stock to ensure freshness of product. Shelf life is 6 months guaranteed.

All information on this data sheet is based on Sun Chemical laboratory tests and experience in print shops. Procedures and directions for use of Sun Chemical products (including printing and after-treatment) must be considered as recommendations only, with no warranties expressed or implied. The user of the products described herein is solely responsible for determining suitability of any Sun Chemical product for the particular application. Sun Chemical recommends that all products be pre-tested prior to full-scale production use. ~~This data sheet supersedes all previous publications. Nov. 2008~~

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Product	Code	Lightfastness BW Full Strength	Alcohol	Alkali	Laser Imprintability
Process Yellow	FLPSV2483066	4	+	+	+
Process Magenta	FLPSV4483067	4	+	-	+
Process Cyan	FLPSV5483068	7	+	+	+
Process Black	FLPSV9483069	7	+	+	+
Blend Yellow	FLPSV2483073	4	+	+	+
Blend Imit. Warm Red	FLPSV4483074	6	+	+	+
Blend Rubine	FLPSV4483075	4	+	-	+
Blend Imit. Rhodamine	FLPSV4483083	7	+	+	+
Blend Imit. Purple	FLPSV6483079	7	+	+	+
Blend Imit. Violet	FLPSV6483080	7	+	+	+
Blend Imit. RF Blue	FLPSV5483077	7	+	+	+
Blend Process Blue	FLPSV5483078	7	+	+	+
Blend Green	FLPSV7483081	7	+	+	+
Blend Neutral Black	FLPSV9483082	7	+	+	+
Blend Extender	FLPSV0483072	-	+	+	+

* The Blue Wool Scale rating indicates the relative lightfastness of an ink. It is measured on a scale from 0 to 8, with 0 having poor lightfastness and 8 having excellent lightfastness. The numbers here reflect the fade resistance of a full-strength ink. Tints or blends of these inks may exhibit lower-lightfastness.

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