

SunSheet Premier Technical Data Sheet

SunSheet Premier is a conventional ink system formulated for use on all commercial sheetfed offset presses. These inks are designed to meet not only the increasing demands in commercial printing for productivity, but also the demands for excellent printability, fast setting and low misting.

typical characteristics and features

SunSheet Premier inks are formulated to have the following properties:

- Swiss Ordinance and Nestle compliant
- Designed for non-direct food contact - examples: Pharma and Cosmetic market segments
- Wide water tolerance
- Fast setting
- Quick to color
- Low to no mist at high print speeds
- Fountain fresh “stay open” performance
- Good lithographic stability
- ISO 2846:1 color compliant

technical information and ink handling

Pigment selection and color range

SunSheet Premier inks are available in a range of process colors.

Physical properties

- Volatile organic compound (VOC) content* = 0.5%
- Vegetable oil content = 42 – 50%
- Average soybean oil content** = 24%

*Based upon EPA Method 24 protocol, +2% accuracy.

**American Soybean Association approved.

Press considerations

It is best to use rollers recommended by specific press manufacturers for all folding carton printing applications. Plates should be tested prior to any press or printing application to ensure they meet the specific production requirements of each printing facility. As with other sheetfed offset ink, it is an important practice to optimize ink and water settings to a minimal point using these inks.

Description	EMG Number
Sunsheet Premier Process Black	PRM24
Sunsheet Premier Process Cyan	PRM38
Sunsheet Premier Process Magenta	PRM39
Sunsheet Premier Process Yellow	PRM41

Note: The above products are available in a variety of packaging. Please contact your local dealer / distributor for container specific product codes.

Press speed

These inks work on most folding carton type sheetfed presses including standard, high speed and wide format presses.

Reducers

Please consult your local dealer / distributor.



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clean-up

As with all press conditions, please consult with your press manufacturer for best press wash recommendations. Sun Chemical Rycoline® offers press wash and fountain solution products designed for most presses and Sun Chemical sheetfed ink technologies.

substrates

SunSheet Premier may be used for printing on any type of paper and board type stock. For wax impregnated or barrier type stocks, please consult your local dealer / distributor. SunSheet Premier cannot be used for plastic applications.

storage considerations

These inks should be stored at ambient conditions ranging from 60° – 85 °F (15° – 29°C). As with all printing inks, containers should be covered when possible.

safety, health and environment

SunSheet Premier inks are to be used in accordance with normal standards of industrial hygiene and good manufacturing practice. Please refer to the Material Data Safety Sheet for specific information. Material Safety Data Sheets will be supplied.

Printing inks, coatings and printing residues should be disposed of in accordance with local and national regulations.

The information contained in this technical data sheets is only a recommendation and may need to be altered to suit the conditions and efficiency of the equipment employed. Our products are not designed for use in conjunction with those of any other ink maker or similar supplier unless agreed to in writing

Please contact your local Sun Chemical dealer / distributor for all product questions.

6.2015

