

SunSheet Classic Technical Data Sheet

SunSheet Classic is made from novel mineral oil chemistry and provides unmatched lithographic performance. These offset inks perform well on straight and long perfecting presses, but are especially suited to very fast work and turn needs.

typical characteristics and features

SunSheet Classic inks are formulated to have the following properties:

- Mineral oil-based (range of 28% - 35%)
- NAPIM BRC Rating range between 37 - 65
- Resistance to work and turn marking
- Excellent setting and drying properties
- In-line varnishable and aqueous coatable (off-line UV coat-able)
- Runs with one and two step founts, with alcohol substitutes or with alcohol
- Perfect for books, magazines, publications, advertising and all commercial work
- Gracol - G7 compliant. Complies with ISO 2846:1 and meets the requirements of ISO 12647:2 when used with appropriate printing procedures

Description	SAP Number 4.4 lb Cartridge	SAP Number 5 lb Slip Lid Can	SAP Number 8 lb Cartridge	SAP Number 30 lb Kit	SAP Number 400 lb. drum
SunSheet Classic PRO BLACK	91605152	91602860	91605192	91605241	91606263
SunSheet Classic PRO CYAN	91605220	91602863	91605218	91605179	91606259
SunSheet Classic PRO MAGENTA	91605167	91602817	91605219	91605193	91606363
SunSheet Classic PRO YELLOW	91605168	91602755	91605250	91605194	91606364

technical information and ink handling

Applications

All Sun Chemical 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 G7 certification.

Properties

Printed sheets with SunSheet Classic can be overprinted either with an oil based overprint varnish or a water-based aqueous coating. When applying inline UV coatings a suitable primer is mandatory. When offline UV coating is applied, a waiting time of at least 48 hours is necessary and a water based primer is recommended. The level of ink film oxidation has to be taken into consideration.



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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 Classic may be used for printing on the following types:

- any kind of matt/silk coated paper
- any kind of gloss coated paper
- any kind of uncoated paper (“offset paper”)
- coated cardboard

Note: The paper quality will influence the drying performance and the gloss of the print.

storage considerations

SunSheet Classic inks should be stored at ambient temperature between 41°F and 95°F (5°C and 35°C). Under these conditions SunSheet Classic inks have a shelf life of at least twenty-four (24) months in an unopened vacuum-packed tin.

Inks supplied in drums or pails should be used within twelve (12) months after production. Once the container is opened, the printing ink should be used or worked off in a timely manner to avoid skinning.

safety, health and environment

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

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