

SunLit™ Publish Technical Data Sheet

SunLit Publish is an innovative sheetfed offset printing ink for paper and board. SunLit Publish is applicable for publication and commercial work on straight and perfecting presses. A special focus is on high quality printwork such as full color book printing, art catalogues, etc.

typical characteristics and features

SunLit Publish inks are formulated to have the following properties:

- Available as a 4 process color offset ink set
- NAPIM BRC Rating range between 57 - 70
- Nestle and Swiss Ordinance Compliant
- Vegetable oil-based and free of mineral oils
- Provides high print gloss even if overcoating is not an option
- Provides highest mechanical resistance
- Gracol - G7 compliant. Complies with ISO 2846:1 and meets the requirements of ISO 12647:2 when used with appropriate printing procedures
- Dries by penetration and oxidation, forming a robust ink film
- Free from cobalt based drying catalysts

Description	SAP Number 4.4 lb. Cartridge	SAP Number 5.5 lb. Vac Pac Can	SAP Number 8 lb. Cartridge	SAP Number 3-1/2 gal Kit	SAP Number Drum 400 lb.
PBL46:PUBLISH PROCESS BLACK	91392807	91326596	91595757	91599253	91388823
PBL25:PUBLISH PROCESS CYAN	91392822	91326599	91595758	91599284	91388827
PBL27:PUBLISH PROCESS MAGENTA	91392821	91326693	91595828	91599267	91388828
PBL41:PUBLISH PROCESS YELLOW	91392808	91326694	91595829	91599268	91388829

technical information and ink handling

Applications

SunLit Publish is intended for use in offset printing on paper. The ink is suitable for all types and all sizes of sheetfed offset printing presses.

The ink is not suitable for the following applications:

- Printing on films, foils or other non-absorbent substrates
- SunLit Publish Magenta and Yellow are not suitable for poster printing that requires fade resistance beyond 48 hours
- Sensitive food or tobacco packaging applications
- Waterless offset printing

Overprinting

Sheets printed with SunLit Publish can be overprinted either with an oil based overprint varnish or a water-based 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.



SunLit™ Publish Technical Data Sheet

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

SunLit Publish 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

SunLit Publish inks should be stored at ambient temperature between 41°F and 95°F (5°C and 35°C). Under these conditions SunLit Publish inks have a shelf life of at least thirty-six (36) 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 worked off in a timely manner to avoid skinning.

safety, health and environment

SunLit Publish 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

Sun Chemical | North American Inks | 135 West Lake Street | Northlake, IL 60164
+1.708.236.3798 | www.sunchemical.com | naimarketing@sunchemical.com

10.2018

