ITALIAN PRINTING INKS SRL, ZONA CONSORTILE ASI - SUD, MARCIANISE (CE)

IPICURE OPV WOS/ GL

UV Gloss coating appliable by ink duct on paper, carton board, laminated board
6OP-1000-0600

IPICURE OPV WOS/ GL is a specific coating for the gloss finishing in full and with spots, suitable for application in-line (UV inks) and off-line on printed paper and boards for the production of boxes, labels, covers, etc.
Application in-line and off-line via ink duct by wet-offset printing with water fount solution.

Characteristics

- Fast Curing speed
- Good gloss and levelling
- Good mechanical resistences.
- Low yellowing after curing
- Not over-printable, not hot foil blockable, partially gluable (we suggest to carry out specific test before printing run).
- 100% solid - No VOC emissions

Viscosity: High (250-350 poise)
Application: 1 – 1,5 gr/m^2
Curing: with UV lamps of 80W/cm the printing speed is of 40 m/min for each lamp

Precautions and Safety

Please note that suitable inks with Uv coating, Solvent and Alkaly fastness have to be used following Standard DIN 16524/25 (our UV inks with UV/ Acrylik coating fastness).
Avoid contact with skin, wear suitable protective gloves during tapping and cleaning process.
Material Safety Data sheet available on request.

Substrates

IPICURE OPV WOS/ GL is specifically suitable for the coating of:

- Coated and Not Coated papers, Boards.
- Carton Box, general magazine covers, etc.
- Top coated board
- General line applications

In case peculiar substrates or specific adhesion performance are required, we recommend that proper and specific tests were carried out before printing run.

Food packaging

IPICURE OPV WOS/ GL is not a low migration coating, as a consequence is not suitable for primary food packaging applications. It can be used as a secondary food packaging only if the primary food packaging acts as a functional barrier. In addition, there should not be a direct contact between the printed and coated image and the contents of the food package.

The statements listed on this technical information sheet are according to our best knowledge. The statements do not exonerate the user from their own responsibility to determine that our products are suitable for their processes. They are intended to inform and advise and are subject to influence from the technical process. This edition of January, 2020 replaces all previous editions. With the present edition all older editions are null and void.
Edition 00-2020-Rev.00

More information concerning the subject of packaging (food, cosmetics, etc.) can be found on the webpage of the European Printing Ink Association: www.eupia.org.

Printing Auxiliaries

IPICURE OPV WOP/ GL varnish is a ready to use product. In case small adjustments are needed for special requirements, please find the recommended additives and technical information on the table below:

IPICURE OPV Press room chemicals		Usage	Dosage
Anti- Blocking Aid	6AD-8004-0003	Suggested to reduce the blocking effect of coated sheets in cases of perfecting or double side coating, use in case more slipperiness of the coating is required	Up to 2 %
Catalyst	6AD-8004-0037	Suggested to increase the curing of the coating if required	Up to 2%

Shelf life

12 months from the production date if the container is not opened. Store between 5 - 35°C. Higher storage temperature may reduce shelf life. Protect from frost and sunlight. The container needs to be closed back immediately after usage.

Packaging

2,5 kg plastic cans
10,0 kg metal pails

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