

UV Varnish

UV Gloss OP Varnish CP-3

"UV Gloss OP Varnish CP-3" is a high gloss UV curable OP varnish used for resin letterpress and dry offset printing presses. It is primarily applied to papers, such as coated and good adhesive laminated papers, used for label printing.

■ Features

- ▶ Excellent gloss and good leveling.
- ▶ Excels in curing property.
- ▶ Little yellowing.
- ▶ Excellent resistance to rub, light, and solvents.
- ▶ Low odor.

■ Properties

Physical : Pale yellow transparent liquid

Viscosity : 950~1150mPa · s (E type Viscometer 30°C)

■ Usage

Use UV inks for under print. OP varnish should be supplied through ink fountain. For plates, either use resin letterpress printing plate or print all over the surface.

■ Handling Instructions

- ▶ Cannot be used as overprint varnish for oil-based inks. Further, foil stamping and gluing are not possible.
- ▶ Since the viscosity of this varnish is low, under certain printing conditions, such as when applied to rapid drying coated paperboard, or low speed printings, the varnish applied directly to blank paper may permeate to the stock and cause defects in gloss and curing. In such cases, preprint with a UV medium to fill-in.
- ▶ Conduct suitability tests to ascertain adherence when planning to use on non-absorbent substrates, such as treated aluminum-laminated paper, various film stocks, and tube-containers. Depending on the case, carry out pretreatment, such as corona discharge.
- ▶ Pay attention that owing to ink fountain structure drooping may occur at the fountain.



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- ▶ The data contained herein are based on the results of the tests conducted in accordance with the in-house test methods, and are not standard values. Always conduct pre-use tests to ascertain the suitability of the product to your requirements. Nothing contained herein is to be construed as a recommendation for use in violation of any patents, applicable laws or regulations. It is the responsibility of the user to comply in all respects with applicable laws and regulations.
- ▶ Owing to product improvement the information contained herein may be modified without any prior notice.
- ▶ Make sure to read MSDS thoroughly before using the product.