

## Gloss Varnish for Art Cans GP-505 Series

It is polyester type gloss varnish developed for art can use. It offers superior gloss and leveling that enables excellent print effects (especially, gloss over UV inks is highly rated). Furthermore, as it is superior in yellowing property and much harder than conventional epoxy ester type it enables scratch resistant films. Different kinds of varying properties such as, wet-ink suitability, back-print coating, UV ink suitability, and low temperature baking, to suit respective purposes are available.

### ■ Features

- ▶ Excels in smoothness and gloss.
- ▶ Excels in yellowing resistance.
- ▶ Excels in resistance to scratch and allows superior processing.

### ■ Applications

Tin plates, TFS plates, and Satin Boards

### ■ Usages

Reducer solvent: Use No.200 Solvent

Coating viscosity: Generally it can be used as is, however, adjust the viscosity according to coating conditions (coating speed, solution temperature).

Standard film thickness:  $60 \pm 10 \text{ mg/100 cm}^2$

Baking condition:  $160^\circ\text{C} \times 10 \text{ mins}$  (Differs in some types).

### ■ Handling Instructions

- ▶ Stir well prior to use and make sure to not mix it with other paints.
- ▶ Do not apply over epoxy sizing and epoxy resin type varnishes as it can cause defects in curing and processing.
- ▶ It is meant for art can use only and has no retort resistance.
- ▶ Both, single-side use only, and the one that can be used for both sides are available. Single-side use only, when used for the printing of inner side, can set-off and deteriorate the backside. Pay attention when using gloss varnish.

- ▶ 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.
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