

Sizing Varnish for Art Can A-323 series

A-323 series is a polyester type sizing varnish developed for UV ink printing. Properties such as adhesiveness to UV inks, processability, and crack resistance, etc., were given consideration when developing it. It allows excellent processability even with conventional oil-based inks. Furthermore, compared to vinyl type varnish it offers far better heat resistance (yellowing resistance), wicket abrasion resistance and is widely accepted in art can applications.

■ Features

- ▶ Excels in deep drawing property.
- ▶ Offers superior yellowing resistance.
- ▶ Excels in wicket damage resistance.
- ▶ Excels in printability for UV as well as oil-based inks.
- ▶ Offers excellent adhesion to materials like tin and TFS.
- ▶ The flow is hardly affected when white coat (alkyd or polyester type) is applied over this sizing varnish, giving a smooth white surface.

■ Applications

- ▶ Tin plates, TFS, Satin Boards

■ Usages

Reducer solvent: No.86 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: 20±10mg/100cm²

Baking condition: 170°C×10mins

■ Handling Instructions

- ▶ Stir well prior to use. Make sure to not mix it with other paints. (Wash well even when using same type of paints).
- ▶ Pay attention that adhesiveness to UV inks deteriorates when left for a long time (more than 20 days) after coating. (It can cause problems during processing).
- ▶ In rare cases, when mixed with epoxy ester types and vinyl type gloss varnishes it may cause defects in processing due to its affinity with them. Conduct prior tests to avoid problems.
- ▶ It is meant for art can use only and has no retort resistance.

- ▶ 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.
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