YR-E Water-Based EVA Ink

Water-based polyurethane system for spray application

English translation of the supplied Yunrui manufacturer manual, prepared 13 October 2026. Reported properties below retain the source wording and limitations. Confirm the current grade-specific instructions and SDS before use.

Application

The manual lists EVA material, footwear, apparel, crafts, handbags and packaging. Its process instructions describe spraying; suitability for screen printing requires a separate technical review.

Property	Manufacturer manual information
Pack size	5 kg or 20 kg pail
Shelf life	6 months; storage conditions not specified
Viscosity	20,000-25,000; unit and measurement conditions not specified
Flex test	More than 100,000 cycles; method not specified
Pull test	More than 5 kg; method not specified
Yellowing resistance	Grade 4 or above; grading standard not specified
Hydrolysis	Reported as OK; see source observation below
Gloss	High; measurement not specified

YR-E Water-Based EVA Ink Application Notes

Reported performance

The source reports flexibility, yellowing resistance, alcohol rub resistance under a 500 g load for 100 repetitions without colour loss, and unchanged coating properties after a 24-hour immersion. The immersion medium is ambiguously described in the Chinese source; confirm it with the manufacturer. Test substrates and complete methods are not supplied.

Application route

The manual describes adding 5% water-based 505 hardener, spraying three times, then natural drying. The percentage basis, pot life, spraying settings, drying time and conditioning conditions are not specified. Obtain current application instructions before mixing.

Handling

The manual prohibits adding benzene-type, ester, ether or ketone organic solvents. Obtain the exact product SDS for safe handling, transport and storage.

Environmental statement

The source describes conformity with EU environmental standards but does not identify regulations, substances, test reports or certification scope. Request grade-specific supporting documentation for your destination market.

Samples and supply

Samples are free; customers pay postage. Bulk MOQ is 2 metric tonnes in total, with mixed ink orders supported. Pricing is provided on WhatsApp according to customisation requirements. Production normally completes within one week after order placement; sea freight to an Indian port takes approximately one month, excluding customs clearance and inland delivery.

Discuss the selected product

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