GLOBAL AQUA POLYGERIC CATALYST

GLOBAL AQUA POLYGERIC CATALYST is a groundbreaking additive specially formulated for synthetic fabric printing, providing a powerful solution to the common issue of garment shrinkage during the curing process. Its unique self-curing property enables ink curing at room temperature, effectively eliminating the need for high heat, which often distorts synthetic fabrics. As part of the advanced GLOBAL AQUA POLYGERIC system, this catalyst enhances performance without requiring additional adhesive agents or chemicals, making it user-friendly and efficient.It provides strong wash resistance, exceptional ink fluency, and excellent coverage, even on darker and more challenging fabrics. In terms of usage, the formulation includes 97% GLOBAL AQUA POLYGERIC WHITE and 3% GLOBAL AQUA POLYGERIC CATALYST, combined with GLOBAL PE PIGMENT EMULSION for Pantone-specific color accuracy.

Once the mixture is prepared, apply a uniform layer to the synthetic fabric. The ink should be flash cured at temperatures below 70°C to stabilize the print, and then allowed to self-polymerise for up to 6 hours without the need for additional heat. This low-energy, low-impact curing method is ideal for sensitive synthetic materials such as polyester and activewear blends, offering a soft finish without compromising durability.

The shelf life of GLOBAL AQUA POLYGERIC CATALYST is one year from the date of manufacture when stored correctly. It should be kept in a cool, dry environment with temperatures between 65°F and 95°F (18°C - 35°C). Always ensure the container is tightly sealed when not in use to protect the product from drying out, moisture absorption, or contamination. GLOBAL AQUA POLYGERIC CATALYST is a vital part of the synthetic fabric printing process, combining innovation, efficiency, and environmental responsibility in one solution.

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