

HARDENER D & F

Two pot hardener for photo emulsion



MURAKAMI CO., LTD.

◆ 5-3-10 Yokokawa, Sumida-ku, Tokyo Japan
URL <https://www.murakami.co.jp/english/>

Feature

- This product is less corrosive than conventional hardener.
- Increase water-resistance to all type of emulsion.
- Increase emulsion durability for printing in high humidity conditions.
- Does not contain heavy metals.
- Can also be used for water-based ink printing with solvent-resistant-type emulsion.

Packing Size

- HARDENER D + HARDENER F 1kg each



Directions for use

1. Mix Hardener D and Hardener F at 1:1. Do not use metal container.
2. Apply thin layer of mixed solution onto the both sides of the emulsion with a brush or sponge uniformly. Emulsion with insufficient exposure tend to form mesh opening blocking. Post-exposing process is recommended before applying hardener.
3. Leave the applied for one minute to ensure proper penetrate into the emulsion.
4. Dry the coated screen for at least 30 minutes in 40- 50 °C. Insufficient temperature or too short drying time will reduce hardening effect.
5. Recommended to wash the screen with water before printing.

Storage

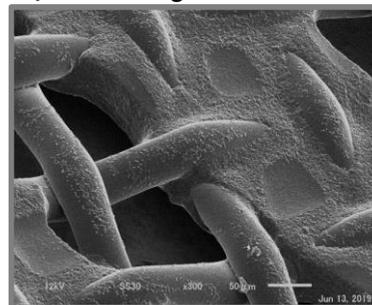
- Store in a cool and light safe area.
- Close bottle cap tightly after used.
- Please finish using the mixed hardeners within a week.

Quality assessment

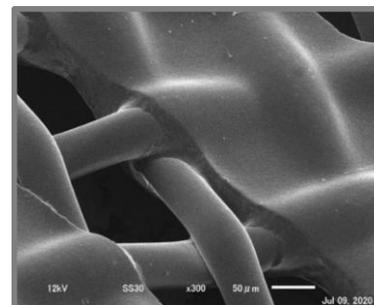
<Mechanical Resistance>

A photograph is a mask surface condition after 100 round-trip rubbing by water wetting cloth with 1kg load.

W/O Hardening treatment



HARDENER F + D



Precautions for use

- **Wear protective goggles and gloves when use hardener.**
- Application on nylon is not recommended.
- This hardener contains acid. Please do not use metallic containers and instruments.
- In case of contacting with eye or skin, flush immediately by water. Get immediate medical help for irritation.
- * Refer to the SDS before using this product.

