

English Version (Japanese Translation)

screen ink
additive
For other inks

Additive Applications Promoting scleroticability
Improved Adhesive Performance
Physical Property Improvement

Evaporative drying type
Two-component reaction type

JA-950 Hardening Agent

It is a curing agent for two-component reaction inks and an adhesion and coating material property improvement for evaporative drying inks.

Product Features

- Polyisocyanate resin, slow curing, non-yellowing type, excellent weather resistance, and does not yellow under sunlight.
- This is a type of hardener that cures slowly.
- Because it is a non-yellowing type, there is no problem placing printed materials outdoors.
- Less responsive than JA-960, resulting in longer usable life.
- It forms a film with better flexibility and adhesion than JA-960.
- As variations, there is the high-viscosity type JA-950H and the flexible JA-940.

Features

flexibility

hardness

Adhesion

Specifications

Lotus form	Characteristics
1kg metal can, 100g metal can	mucus

How to use

- Please refer to the information for each ink and conduct a verification test before use.
- Add the specified diluent solvent and stir well before printing.
- The dosage is 5~15 parts per 100 parts of ink (standard amount of 10 parts).
- The available usage hours are as follows.
 - Within 8 hours (20° C)
 - 4~8 hours (25° C)

Curing Method & Conditions

- Please perform heat curing as much as possible. The higher the curing temperature, the better the film's physical properties.
- The standard curing times are as follows.
 - 25° C: 5~7 days
 - 80° C: 120 minutes
 - 100° C: 60 minutes
 - 120° C: 30 minutes
- If you want to cure ink quickly, add 1~2% of the curing accelerator JA-E11 to the mixture of ink and curing agent.

Notes

- Hardeners can harden alone due to moisture. After opening, please use it up within the same day.
The recommended shelf life of hardeners is "1 year after manufacture," but this applies only if unopened.
- Even after the usable time has passed, the ink remains fluid for a while and can be printed.
However, since the physical properties and gloss of the cured film have deteriorated, please avoid using inks that have exceeded their useful life.
- For safety precautions when using the product, please refer to the product's Safety Data Sheet (SDS).
- The contents provided in this information may be changed or revised without prior notice.
- When using the device, please thoroughly consider the conditions based on the evaluation results of the equipment and substrate actually being used.