

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-970 Hardening Agent

It is a curing agent for two-component reaction inks and an agent for adhesion and coating properties of evaporation-drying inks

Product Features

- Made of polyisocyanate resin, fast-curing, yellowing-free type, it cures the fastest among our curing agents.
- It reacts faster than JA-960 and hardens at low temperatures.
- Improved coating hardness compared to JA-960.

Features

hardness

Adhesion

Specifications

Lotus form

100g metal cans

Characteristics

mucus

How to use

- Add the specified diluent solvent and stir well before printing.
- The dosage is 7~20 parts per 100 parts of ink (standard amount of 10 pieces).
- The available usage hours are as follows.
 - 4~5 hours (20° C)
 - 2~5 hours (25° C)

Curing Method & Conditions

- The higher the curing temperature, the better the film's physical properties. Within the possible range, set the curing temperature as high as possible.
- The optimal curing time varies depending on the type of ink combined and the intended physical properties. Be sure to conduct a confirmation test in advance.
- The standard curing times are as follows.
 - 25° C: 2~3 days
 - 80° C: 60 minutes
 - 100° C: 30 minutes
 - 120° C: 15 minutes

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.
- Increasing the amount of hardener increases the film's physical properties and adhesion, but conversely, concealment and flexibility decrease.
- For applications where printed materials are taken outdoors, using JA-970 may cause the gloss of printed materials to decrease over time.
If this becomes a problem, please switch to a yellow-free hardening agent (JA-950, JA-940).
- The curing accelerator JA-E11 cannot be used in combination with JA-970.
- 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.