

## 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-940 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

- It produces the most flexible film and is more flexible than the standard JA-950 type.
- Applications include adding adhesion to flexible materials and improving coating properties (such as solvent resistance).
- Modified polyisocyanate resin, slow curing, anti-yellowing type.
- It is the type of hardener with the best flexibility.
- Because it is a non-yellowing type, there is no problem placing printed materials outdoors.
- Like the JA-950, it has low responsiveness and longer usage time.

## Features

hardness

flexibility

Adhesion

## Endurance

solvent resistance

## Specifications

### Lotus form

100g metal cans

### Characteristics

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 10~30 parts per 100 parts of ink (standard amount of 15 parts).
- The available usage hours are as follows.
  - Within 12 hours (20° C)
  - 4~8 hours (25° C)

## Curing Method & Conditions

- Due to low reactivity, please perform heat curing whenever 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

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## 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.
- The JA-940 is a type with excellent flexibility.  
As a result, in terms of hardness and solvent resistance, the performance of the hardened film is inferior to JA-950.
- 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.