

## Inks for Eco-friendly, Sustainable Production

Kao Collins offers eco-friendly inks to support your sustainability goals and comply with stringent government and industry requirements.

### ADVANTAGES OF KAO'S SUSTAINABLE INKS

Reduce costs for hazardous disposal
Improve brand equity
Meet consumer demands
Lower risk of ink migration
Conserve scarce resources
Energy-cost reductions
Low or no VOCs
Elevate brand image
Reduced overall compliance costs
Increase workplace safety
Lower carbon footprint

### AVAILABILITY

- Continuous supply
- No minimum order
- Single cartridges, bulk supply systems, and bulk packaging
- Black, spot colours and CMYK+

In addition to our standard inkjet inks, Kao Collins creates custom formulations to meet specific printing requirements. We also offer private-label and contract manufacturing services.

#### Supported Applications

Numerous industries are adopting eco-friendly inks for a wide variety of printing applications.

Wide-format signage printing

Food and beverage packaging

Direct-to-object printing

Cardboard boxes

Publishing

### ECO-FRIENDLY INKJET INKS

#### Eco-friendly LUNAJET Nanodispersion Water-Based Ink

One of Kao's latest ink innovations, this eco-friendly, water-based pigment ink produces excellent single-pass CMYKW printing on flexible packaging and thin films. [Get LUNAJET Ink →](#)

- Eco-friendly
- Food-Package grade\*
- Even wetting
- High pigmentation for vibrant colours
- Durable with no cracking or peeling

#### Bio-based Mineral-oil-free Ink for Cardboard

These sustainable piezo inks meet compliance requirements for increasingly stringent environmental legislation and regulations worldwide and are formulated to replace petroleum-based inkjet inks for secondary packaging. [Get MOF Ink →](#)

- Eco-friendly
- No hazardous pollutants (HAPs)
- Compostable
- Alternative for oil-based inks
- Meet strict European standards

#### Electron Beam Curable Inks (EB)

EB-curable inks are the most viable option for printing food and pharmaceutical packaging as it cures instantaneously using high-energy electrons without the need for photoinitiators. The EB curing process produces no heat or odors and is non-hazardous. [Get EB Ink →](#)

- No photoinitiators
- No VOCs or odours
- Food-grade\*
- Complete curing
- High durability
- No-heat curing

#### Solvent Inkjet Inks

Solvent inks sealed in cartridges for TIJ and piezoelectric printing systems reduce VOC emissions by up to 90% compared to continuous inkjet technology. The sealed cartridges also reduce cleanup and required chemicals. [Get Solvent Ink →](#)

\*These inks are produced by Kao and have undergone extensive lab and production testing. Third-party regulatory compliance testing may also be necessary for evaluating ink migration.

