

# Kao Collins Inc.

# MAX UV

**TWW1406** Kao Collins Inks for HP 45A Technology

Very Aggressive  
Difficult Substrates

Max UV is an invisible ink that is only visible under an ultra violet light. This ink can be used on both offset and coated stocks that do not contain optical brighteners. This Collins invisible ink is great for security and insert/envelope matching applications.

## Ink Features

- Fluid base: Water
- Colorant: proprietary
- Illumination: Black light (UVA 320-400 nm)
- Flash Point:  $> 89^{\circ}C$
- Shipping info: Non-Hazardous

## Recommended Printer Settings

Pen driver voltage: 10.0 V  
Fire pulse length: 2.2  $\mu s$   
Pulse Warming: Off

## Printhead Performance

Decap time:  $< 2$  hr  
Shelf life 1 yr

## Cartridge Maintenance & Handling

- Use a water dampened lint-free cloth to clean the print head
- Wipe slowly and lightly across tip of the long edge with the print head facing down
- Forcing the wipe (too much pressure) may scratch the print head
- Use of a cloth with lint may clog the nozzles

## Cartridge Storage

- Operating conditions:  $10 - 40^{\circ}C$
- Storage conditions:  $10 - 30^{\circ}C$
- Less than 1 day down: leave cartridges in the machine and wipe/purge before next use
- More than 1 day down: remove cartridges from machine and place cartridge clip (available from Kao Collins) over the head, wipe and purge before use