

## ECOPRINT SERIES

**ECOPRINT** series is an offset sheetfed ink based on vegetable oils and petroleum-free. It is free of VOCs (volatile organic compound). This series is suited for any type of printing machines, perfecting machines as well as straight printing presses. Ideally suited for gloss coated papers and board. Well suited for matt coated and uncoated papers.

### TECHNICAL SPECIFICATIONS

ECOPRINT SERIES	CODE	LIGHT (IWS)	RESISTANCE TABLE		
			ALCOHOL	NITRO	ALKALI
PROCESS YELLOW	P000001016	5	+	+	+
PROCESS MAGENTA	P000001004	5	+	+	-
PROCESS CYAN	P000000925	8	+	+	+
PROCESS BLACK	P000000991	8	-	-	-

The **ECOPRINT** series is certified by the Institute FOGRA in compliance with ISO 2846-1 standard and is suitable for printing in accordance with ISO 12647-2.

### PRODUCT FEATURES

- High color strength
- Fast setting
- Excellent dot sharpness
- Good gloss
- High rub resistance
- High process stability

### PRINTING BEHAVIOR

- Designed to print at high speeds.
- Fast ink water balance, stability in the printing process, minimizing set-up times
- It adapts completely different dampening systems. It has been proven effective with most additives market, with or without alcohol.
- Ideal for strip/removed and 1-6 color machines.
- Duct fresh.

### RECOMMENDATIONS

#### General information

The **ECOPRINT** series is designed primarily for use in offset sheet and continuous small and large format. Ideal for printing on paper or cardboard, both uncoated, coated and glossy and matt. It is not recommended for use on non-absorbent substrates such as PVC and metalized supports. Due to its special combination of color strength and stability obtain fast starts with consequent savings in macula and ink, which helps reduce production costs. **ECOPRINT** series is designed to print at high speeds.

#### Varnishability

In order to get the maximum brightness, we recommend not to let the ink dry completely when using oil based varnish or water based coating. On the contrary, we must let the ink to dry completely when UV varnishing.

#### Rubbers and Rollers. Cleaning

It is recommended the use of resistant rubber to vegetable oils, property that usually comply rollers that exist in the market. Inking may be of synthetic rubber or polyurethane. This ink adapts to any dampening solution on the market. Cleaning can be done with cleaning M.A. or preferably with vegetable cleaners to help protect the environment.

#### Storage

Avoid direct light and heat exposure. Store at a temperature between 20-25°C. Once the package has been opened should be consumed as quickly as possible to avoid skinning. A working environment conditioned clean, in which the temperature does not affect the ink, the paper or the machine, facilitates good behaviour of each during printing. The **ECOPRINT** series has no short or medium term expiration date.

### PACKAGING

- 1 kg
- 2,5 kg
- 200 Kg

The **ECOPRINT** series has been developed by R&D Department of MARTINEZ AYALA, S.A.



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