

TECHNICAL DATA SHEET

1. DESCRIPTION

Eurokraft FD Water based flexo ink for corrugated postprinting on coated papers. It is a system with good printability and press stability for high definition jobs on presses with low volume anilox cylinders.

2. CHARACTERISTICS

Eurokraft FD inks have:

- High Gloss
- Excellent drying speed , with a proper air drier at each printing unit
- High quality of prints
- Good overprintability with WB and UV lacquers
- Good printability and PH stability even in very long runs
- Acceptable dry and wet resistance of prints also without OPV lacquers
- Low odour

3. APPLICATIONS

Surface flexo printing of corrugated coated paper. The series is suitable for low volume aniloxes (220 – 500 lines/cm).

4. SUBSTRATES

Eurokraft FD inks are suitable for the following substrates:

- Semicoated and coated Paper
- Kraft Paper

5. GENERAL HANDLING

5.1. Storage

- Temperature of storage: from 5°C to 30°C
- Shelf life: 12 months under above conditions

5.2. Waste disposal

Care should be exercised in the disposal of printing ink waste. This should be carried about in accordance with good industrial practice, observing all the appropriate regulations and guidelines.

For more specific handling advice refer to the Safety Data Sheet (MSDS).

6. PRINTING CONDITIONS

6.1. Printing viscosities

Inks must thoroughly be stirred and homogeneous before reducing with water. The optimum printing viscosity depends on press and running conditions. Good results have been achieved at the following viscosities:

- 17-20 sec at 20 °C (Din cup N°4) With a dilution of 10-15% with water

6.2. Additives

Antifoam

In the normal printing conditions there is no need of an extra amount of antifoam, in some cases, for very long runs, can be necessary to add low amount of antifoam (0,5- 1%) for a better foaming control at the ink pot. We suggest to predilute with water (1:1) the antifoam before adding.

6.3. Wash up solvents

Water solutions of ethanol and detergents.

6.4. Cylinders / Plates

Eurokraft FD inks are suitable for all types of anilox and different types of plates.

7. PRECAUTIONS

Acceptable technical performance of inks is dependent on:

- Control of film weight (inks and adhesives)
- Adequate drying on press (to ensure that the print is dry before conversion)

Choice and control of film weight, drying, substrate and adhesives are printer technical requirements for which the Euroink Distribution technical team can provide assistance in the form of suggestions or direct support.

Food Packaging:

It is the ultimate responsibility of the food packaging supply chain to ensure packaged food is safe.

With regard to potential migration of substances in to food from the printed packaging, it is the responsibility of the converter and food packager to ensure that no such migration occurs beyond permitted regulatory levels.

To fulfill its responsibility within the supply chain Euroink Distribution will provide details to the customer of potential migratable components, where present in its inks, through the preparation and communication of a 'Statement of Composition'.

8. DISCLAIMERS

The ink is not intended to direct food contact.

The list of applications, substrates and processes provided in this document is not exhaustive.

Please contact your local Euroink Distribution representative for full technical evaluation of your application or process.

9. TECHNICAL ASSISTANCE / CONTACTS

For further information, please contact your local Euroink Distribution team.

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