

## Uvijet OL

Low Odour UV Curing Ink System for Inca Onset Series Printers



### PRODUCT INFORMATION

Uvijet OL has been developed to decorate sheet-fed corrugated and display boards for POP applications such as free standing display units typically used for packaging and POP displays. It can also be used effectively on paper and display boards.

Uvijet OL is not recommended for direct or indirect food packaging.

#### Features

- Excellent flexibility on display and corrugated board
- Fast cure for high production output
- Very low print odour
- Adjustable print finish (satin - high gloss)
- 5 kg open top containers for ease of use

#### Ink Properties

The Uvijet OL ink range is a high quality UV curable inkjet system designed for piezo drop-on-demand printheads. Using Fujifilm's unique Micro-V dispersion technology to maximise pigment loading, the Uvijet range of UV curing inks deliver vibrant, solid colours demanded for the major brands. Uvijet OL has been specially developed for the Inca Onset flatbed printers and offers superb dot reproduction, bright colours and gloss functionality.

Uvijet OL has been formulated to deliver a finished print that is similar in odour to other non-UV print technologies used to print corrugated packaging. Uvijet OL has been formulated and tested to comply to DIN 1230-1:10-02 which is the sensory analysis of paper and board intended to come into contact with food stuffs.

#### Colour Range

OL215 Cyan  
OL135 Magenta (Pink Shade)  
OL867 Magenta (Blue Shade)  
OL335 Lt Magenta  
OL052 Yellow  
OL004 Black  
OL255 Lt Cyan

Available in 5 kg containers

QV017 UV Flush

Available in 5 litre containers

#### Application Range

Uvijet OL has been designed to decorate paper and board materials only.

**THE END USER MUST DETERMINE THE SUITABILITY OF THIS PRODUCT FOR THE INTENDED USE PRIOR TO PRODUCTION.**

#### Co-use with Other Inks

For information regarding Uvijet OL and its co-use with other ink ranges, please contact your local Fujifilm technical support.

#### Curing

Excellent cure and adhesion are achieved immediately on curing. However, maximum adhesion, chemical, scuff and scratch resistance may not be obtained until 24 hours after initial curing. The actual level of cure will depend upon ink thickness, substrate and the UV curing lamps being used. Superior through cure may be obtained by reducing the print speed to increase the overall UV dose.

#### Outdoor Use

Uvijet OL is not recommended for outdoor use.

#### Storage

Uvijet OL ink should not be stored in direct sunlight or near heat sources and should be kept away from peroxides. For optimum shelf-life, products should be stored at moderate temperatures between 5°C and 30°C.

When stored in a cool environment Uvijet OL inks are expected to have a shelf-life of 12 months from date of manufacture.

#### Fujifilm Speciality Ink Systems Limited:

- Has certification to the International Environmental Standard ISO 14001.
- Is committed to minimising the risk to users of our products, and also to minimising the impact of our activities on the environment, from formulation through to production and supply.
- Research and development team, work to an in house Health Safety and Environmental policy, termed 'Design for Health, Safety and Environment',

with the aim of proactively developing products with the least impact on health, safety and the environment.

- Regularly review and monitor our impacts and activities, setting objectives and targets as part of a continual improvement process.
- Is committed to reducing waste through better use of raw materials, energy, water, re-use and recycling.

## **Safety and Handling**

### **Uvijet OL Inks:**

- Have a flash point greater than 55°C and are therefore not classified as 'dangerous substance' under the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR).
- For optimum shelf life, all products should be stored at moderate temperatures, between 5°C and 30°C. Storage outside of these temperatures may lead to deterioration in the performance of the product.

Comprehensive information on the safety and handling of Uvijet inks is given in the appropriate Safety Data Sheets.

## **Environmental Information**

### **Uvijet OL Inks:**

- Do not contain ozone-depleting chemicals as described in the Montreal Convention.
- Are formulated free from aromatic hydrocarbons.
- Are free from any volatile solvent and can therefore be considered to have less impact on the environment when compared to solvent-based products.

The information and recommendations contained in this Product Information sheet, as well as technical advice otherwise given by representatives of Fujifilm Speciality Ink Systems Limited and its associated companies, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Product Information sheet out of date and users are requested to ensure that they follow current recommendations.

---

### **FUJIFILM SPECIALITY INK SYSTEMS LIMITED**

Pysons Road, Broadstairs  
Kent CT10 2LE  
United Kingdom  
T: +44 (0)1843 866668  
F: +44 (0)1843 872184  
[www.fujifilm.eu](http://www.fujifilm.eu)