

Reactive inks are mainly used to print fabrics designed for: home textile, interior decoration, fashion apparel and accessories.

High general fastness: light-, washing- and perspiration-fastness

High printability and reliability with industrial printing systems, limiting the downtime for cleaning operations

The selection conducted on the dyes allows to reproduce a wide range of colours (colour gamut)

### GENERAL FEATURES

- High chromatic performance
- High light fastness
- Colors have a high definition for the best performance on the industrial machines
- High concentrated inks offering very bright colors and great performance in the industrial printing
- High printability and reliability with industrial printing systems, limiting the downtime for cleaning operations

### PRODUCTS OF THE SERIES

				
COLOUR	BLACK	CYAN	MAGENTA	YELLOW
				
COLOUR	RED	GREY	ORANGE	BLUE

### INSTRUCTIONS

It is recommended to let the product reach operative conditions in terms of temperature and humidity at least 24 hours prior to use, taking care of not stirring it, and apply the product under controlled conditions:

- **RECOMMENDED TEMPERATURE RANGE:** 20-25°C (68-77°F)
- **RECOMMENDED HUMIDITY RANGE:** 40-60%

The ink is ready to use and it is recommended to use it through the external feeding system (**INK FEEDER, CODE M4087.**), so that a steady printing quality is assured.

Time and temperature may vary, depending on the type and nature of the material, which the transfer is made onto; in order to get the best performance in terms of light fastness, it is suggested to use the highest values of time and temperature mentioned above.

Shell Life – 6 – 9 Months Packing Size – 1 Litres

### AUXILIARIES

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

**FASTNESS**

[European Standards]

COLOUR	CODE	FASTNESS		
		EN ISO		
		105B02*	105C10**	105E04**
BLACK	BK	7-8	4-5	4-5
CYAN	CY	7-8	4-5	4-5
MAGENTA	PU	6-7	4-5	4-5
YELLOW	YE	8	4-5	4-5
ORANGE	OR	7-8	4-5	4-5
RED	RE	7-8	4-5	4-5
GREY	GR	7-8	4-5	4-5
BLUE	BL	6-7	4-5	4-5
FASTNESS	EN ISO	105B02	LIGHT FASTNESS	
		105C10	WASHING FASTNESS	
		105E04	PERSPIRATION FASTNESS	

REACTIVE CLASS
C
D
C
B

FASTNESS RANGE: LIGHT FASTNESS: min 1, MAX 7 – WASHING FASTNESS: min 1, MAX 5 – PERSPIRATION FASTNESS: min 1, MAX 5

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Safety, health and environmental regulations/legislation specific for the substance or mixture Status.**

The mixture is non-dangerous in accordance with Directive 1999/45/EC

**Listed in other country’s Chemical inventories:**

- China (IECSC) Japan (ENCS)
- EU (EINECS) Taiwan(TCSI)

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**STORAGE**

Do not store the cartridge in a higher than 30°C or freezing temperatures. Keep cartridge out of direct sunlight.

**SPECIAL INSTRUCTIONS**

- It is recommended to always make printing, drying and transfer tests onto the substrates which are meant to be used, so as to exactly determine features, working time and effects to be obtained.
- It is recommended to carry out light fastness tests on the material in order to verify that the solidities meet the required quality standards. The printing substrate and the conditions of use, in fact, affect the results in terms of light fastness.
- Extreme drying conditions near the printer carriage could compromise the quality of the prints.
- Require safety data sheets, available for all products, and always follow the contained instructions regarding all the specific information and the environmental safety.
- The ink performance is strictly connected to the used plotter model and printing procedure.



## TECHNICAL DATA SHEET

### KU Reactive Ink

#### **IMPORTANT NOTE**

The information provided in this safety data sheet is used only as a guide to safe handling, use, processing, storage, transportation, distribution, and disposal, not as warranty or quality control. This information relates only to specific material designs and may not apply to materials of this type used with any other material or in any process unless specified in the text.