

## TECHNICAL DATA SHEET

### Product code & description:

**UDML8001 WESTACURE DUCT MATT LITHO OP INK**

### Application:

UDML8001 WESTACURE DUCT MATT LITHO OP INK is specialty product that provides excellent matt effect on print when applied through plate. It can be a contrast coating to give matt and gloss hybrid effect when applied through duct in an offset (Both Dry and Wet offset) on Board or Metpet substrate printed on either UV or Conventional offset Inks. It can be used for spot varnishing through plate.

### Key Properties:

- Excellent matt effect
- Good Rub resistance
- Good Slip
- Good Ink water Balance
- Stable Emulsification

### Substrate:

Recommended for use on coated paper, board and Metpet. When overprinting on highly absorbent substrates it is always advised to check their performance on the actual batch of stocks used before commencing a full production run.

Suitable for use on coated Metallized Polyester ( $\geq 42$ dynes/cm) - preferably primer coated by water-based varnish.

### Instructions for Use

- |                        |   |
|------------------------|---|
| ● Stir well before use |   |
| ● Application          | Through Wet Offset, Dry Offset or Letterpress |
| ● Viscosity            | Ready for use                                 |
| ● Varnish coat weight  | 1.5 — 2.5 gsm (as per requirement)            |
| ● Cleaning             | Immediately with proper solvent               |

### Curing:

The OP Ink converts into a solid film by radical polymerization initiated by UV radiation in the range of 200 -400 nm. Capacity of the lamp is 80 -120 watts/cm.

### Machine Speed

Depends on the Type and age of the lamp.

## Technical Characteristics:

Color Appearance:	Thick off-white paste
Viscosity by Falling bar @30°C:	280 ± 10 Poise
Specific gravity:	1 – 1.2
Volatility:	0 %

## Product safety:

UV products are generally considered to be non-toxicological. However, during handling and use, avoid inhalation of vapor and direct eyes or skin contact. It can be irritating, wash and rinse immediately with soap & water. Protective eyewear and latex gloves are recommended while using this product. Refer MSDS for additional handling and safety information.

## Shelf life:

UDML8001 is stable for 6 months when stored in its original container at temperatures between 5°C and 25°C, away from direct sunlight. Contaminated material should not be returned to the original container or re-used.

## Cleaning:

Clean the plates, rubber roller, steel roller, anilox roll and other equipment with recommended cleaning agent, after use.

## Packaging:

This product is available in 1 or 2 Kg plastic pail.

**NOT SUITABLE FOR DIRECT CONTACT FOOD PACKAGING**

## Disclaimer:

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