

## TECHNICAL DATA SHEET

### Product code & description:

**URC1003 WESTACURE RC INK – LOW ODOUR**

### Application:

URC1003 WESTACURE RC INK is a low odour UV curable overprint varnish designed for roller /anilox coater application which produces excellent gloss on coated paper & board.

### Key Properties:

- Free from Benzophenone (CAS No.119-61-9), 4 methyl benzophenone (CAS No. 134-84-9) & ITX (CAS No. 5495-84-1)
- High Gloss
- High Scuff
- Very Good surface slip
- High abrasion resistance
- Water Repellent
- Good chemical resistance

### Substrate:

Suitable for low absorbent paper and board & yield better result if a water-based primer coat is applied.

### Instructions for Use:

- Stir well before use
- Application - Roller coater /Anilox coater
- Viscosity Ready for use
- Varnish coat weight 3 – 4 gsm (as per requirement)
- Cleaning Immediately with proper solvent

### Curing:

The RC 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:	Clear transparent liquid
Viscosity by Ford Cup#B4@30°C:	46± 2 Sec
Density:	1.07 – 1.10
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:

URC 1003 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 rubber roller, steel roller, anilox roll and other equipment with recommended cleaning agent, after use.

### Packaging:

This product is available in 20Kg plastic carboy.

**NOT SUITABLE FOR DIRECT CONTACT FOOD PACKAGING**

### Disclaimer:

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