

## UV Technical Coating Recoatable

**COAT-UV-95-LM** is a 100% solids coating (COV free), curable by UV flexographic printing. This coating shows excellent layout and adhesion to UV inkjet inks for higher print quality and better overall adhesion and resistance properties.

**COAT-UV-95-LM** also shows an excellent gloss effect and a very good resistance to chemicals, humidity and high temperatures.

This Low-Migration coating was specially designed to help printers comply with all relevant food packaging regulatory standards. All components are listed in the Appendix 10 of the Swiss Ordinance SR 817.023.021.

The product is provided ready to use; any additives or particular adjustments are needed during printing.

### **Application**

- **COAT-UV-95-LM** is a low viscosity, quick-curing and low odor formulation. The coating can be overprinted via thermal transfer ribbons.
- **COAT-UV-95-LM** shows good adhesion on paper, OPP, polystyrene and some metals. Corona treatment is recommended as are substrates with a surface tension higher than 38 dyne/cm.

### **Printing**

- **Volume indication:** 5 - 10 cm<sup>3</sup>/m<sup>2</sup> (anilox 300-400 l/in or 125-175 l/cm) according to the material.
- **Drying:** UV radical. Use the lamps at full power.
- **Printing speed:** 50 - 125 meters/minute
- **Directions for use:** Stir well before use

### **Ink properties**

- **Physical properties**
  - UV curing coating
  - Aspect : clear liquid
  - % solids : 100%
  - Viscosity : 350 – 450 cP (25°C)
- **Storage**
  - 12 months after the ship date in a closed container.
  - Keep in a ventilated space between 5°C – 30°C.
  - Do not expose to light.

- **Packaging**
  - Black pail (5 / 10 / 20 liters).

## **Cleaning**

Spring also supplies cleaning solutions:

- **SoftClean** Maintenance cleaner for anilox cylinders; effective for UV and water-based inks and coatings.
- **UV-499** Cleaner for UV coatings and inks  
Careful: *can swell photopolymer plates*