



UV Roteki Coating High Gloss Low Migration

K-Supply

K-Supply UV Roteki Coating High Gloss Low Migration, applicable to packagings and commercial printing, is suitable for finishing of print products, on substrates like plastic film, board and paper. In compliance with legal requirements and guidelines (GMP). Low migration, suitable for the outside of food and other sensitive packaging. Applicable to flexographic printing, inline and offline.

Machine speed must be adapted to the number, power and condition of UV lamps and substrate to ensure full curing of the coating film.

An uncured film may lead to migration of substances into the package contents, therefore curing must be checked regularly.

Regarding converting, always carry out pre-tests.

To assess the degree of curing, the temperature and the flatness of the sheets, check the pile in the delivery regularly.

Benefits

- Solvent free.
- Heat and light sensitive.
- Colourless.

Coating film properties

- Not suitable for hotfoil stamping.
- Not glueable.
- Good resistance to chemicals.
- Closed film, high gloss.

Directions

Stir up the coating well. Clean the machine and other equipment with alcohol or acetate after use. Wear protective gloves, protective clothing, eye protection and face protection. Avoid contact with eyes and skin. Access only for authorised persons. Follow the legal protection and safety regulations. Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed.

Do not empty containers with pressure - no pressure vessel!

Smoking is forbidden. Access only for authorised persons.

Store carefully closed containers upright to prevent any leaks.

Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRBS 2153)". Keep away from strongly acidic and alkaline materials as well as oxidizers. Store in a well-ventilated and dry room.

Specifications

Product name	K-Supply UV Roteki Coating High Gloss Low Migration
Appearance	• Physical state liquid
Colour	Refer to label
Odour	Characteristic
Flashpoint	> 100 °C • Method DIN 53213
Relative density	• Density at 20 °C 1.08 g/cm ³
Solubility(ies)	• Water solubility (g/L) at 20 °C insoluble
Partition coefficient	• N-octanol / water see section 12 MSDS
Viscosity at 23 °C	60 s 4 mm • Method 4 DIN 53211
Solid content (%)	100 Wt %
Solvent content	• Organic solvents 0 Wt % • Water 0 Wt %
Storage conditions	5 - 35 °C, avoid heat and direct sunlight.
Packaging	25 Kg Can 200 Kg Drum 1000 Kg IBC



Directions for Use:

For details, please refer to the safety data sheet.