

UV Coating VP 1038 MF-2* - High Gloss (Order No.: 7010299)

Migration-free UV Coating for inline application of hybrid printing inks over inking and coating unit

- Suitable for direct food contact; VOC-free **)

Application:

Use: Migration-free UV High Gloss Coating for wet-on-wet application of hybrid and UV inks as well as oil print effect coating. Single and double coatings can be carried out on hybrid printing inks in order to improve the gloss.

Mode of Application: On all coating and printing units in offset machines as well as in rotogravure and flexo printing.

Application Amount: 3 to 10 g/m² depending on the system used

Viscosity applied: 50, 80, 100, 200 or 300 sec. in a 4 mm DIN cup at 20°C

Characteristics:

Binder Base: Highly reactive, photopolymereable acrylate system; VOC-free **), reduced odour, optimal feathering and wetting properties.

Glidability / Slip: low

Rub Resistance, Adhesion, Groove and Fold Resistance: very good

Glueability: According to our experiences gluing with dispersion adhesives possible. Practical tests recommended.

Heat Seal Resistance against: Polyvinyl chloride PVC and Polypropylene PP

Hot Foil Stamping: very good; however, we recommend practical tests

Specific Weight: 1.05 +/- 0.02 g/ml

Light Resistance: good to very good

Drying: The film building results from radical polymerisation by using high pressure mercury radiators, e.g. Hanovia, Original Hanau, Eltosch etc. with a minimum capacity of 80 W/cm.

Drying Rate: 20 to 40 m/min depending on type and age of the radiator.

Security Directions:

Draize P.I.I.: 1.4; Irritation by OECD: 0

Recommended Protective Measures: See Material Safety Data Sheet

Storage:

UV Coatings are highly light reactive and must therefore be protected from light during transport and storage. Temperatures above 35°C must be avoided! Container must be tightly closed after



use!

Note:

We would recommend to use printing inks which are resistant against solvents, alkali and alcohol according to ISO 2836 (formerly DIN 16524).

Regarding the topic "Migration-free UV Coatings MF-2", please see our

"Statement regarding the Migration Behaviour of the UV Coatings developed by VEGRA" including Supplement 04/2009

to be found under www.vegra.de - "News".

Packing:

PE Cans of 10 and 25 kg

Drums of 220 kg

Container black of 650 and 1050 kg

***) MF = migration-free** - please see our **"Statement regarding the Migration Behaviour of the UV Coatings developed by VEGRA" including Supplement 04/2009** under www.vegra.de - "News".

****): VOC = volatile organic compound**

The specifications given in this brochure are based on laboratory tests and practical experience. All specifications are to the best of our knowledge and reflect the latest state of the art; however, this does not imply any liability.

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