

FLEXO COATINGS UV (L.M.)

Group: 12.2.1
Revision Date: 17/04/2024

CHARACTERISTICS

These low migration, excure coatings are UV coatings with a radical curing mechanism for flexo printing. They are formulated without the use of benzophenone and compliant with REACH, the EuPIA policy and Swiss ordinance.

SUITABLE SUBSTRATES

- All kinds of paper and board
- Certain corona or chemically treated PE, PP, PET and PVC films
- Certain primed aluminium foils

Other substrates to be tested before use.

OVERVIEW FLEXO COATINGS UV

Product	Viscosity*	Curing	Slip	Rub	Gloss	Properties
EXC98001M	40 – 60	Fast	Medium	High	High Gloss	High Gloss
EXC98002M	40 – 60	Fast	Low	High	High Gloss	High Gloss, stamp.**
EXC98005M	50 – 70	Medium	High	High	Gloss	Gloss Resistant
EXC98010M	50 – 60	Fast	High	High	Gloss	Release
EXC98050M	80 – 100	Medium	Medium	High	Matt	Matt, stampable**

* Din Cup 4 at 21°C

**Stampable: gluable, overprintable, hot and cold foiling, thermotransfer printing

REMARKS

Stir well before use. Suitable for varnishing machines and coating units.

Storage conditions: To ensure maximum stability, the product should be stored in closed containers at temperatures between 15 – 20°C, away from direct heat and exposure to UV light. Storage in a dark room will be preferable. Stocks should be rotated (i.e., use oldest stock first). Following the above-mentioned storage conditions the quality of these products is guaranteed when used within the BBD (Best Before Date) that is mentioned on the label of the involved lot. Products which are stored as per the above-mentioned storage conditions can be usable for a longer time (in excess of the “best before date”). Any usage after the “best before date” is subject to your own testing. Using the product after the “Expiry Date” is not recommended. Please note that due to our internal processes the time span between the “date of manufacturing” and the “Best Before Date” may deviate but will never be lower than our minimum guaranteed shelf life which has not changed.

PRODUCT SAFETY

These coatings are only suitable for use on **the non-food contact side of food packaging**, provided they are applied using the relevant Good Manufacturing Practices (GMP) and according to the guidelines in this Technical Data Sheet. The printer, converter and packer/filler each have a responsibility to ensure that the finished, printed, product is fit for the intended purpose(s) and that the ink and coating components do not migrate into the food at levels that exceed legal, regulatory and industry defined requirements. Please refer to Toyo Ink Europe's "Statement of Composition" for further regulatory information. In case of specific applications, please contact your technical application service.

PACKAGING (varies per product*)

5 KG

10 KG

25 KG

200 KG

CONTACT INFO

TOYO INK EUROPE N.V. 🏠 Tunnelweg 3 - 2845 Niel - Belgium 📞 +32 3/880.67.67 ✉️ info@toyoink.eu