

STERABOARD UV (L.M.)

Group: 11.1.4

Revision Date: 21/11/2024

CHARACTERISTICS

The Steraboard low migration series is especially developed for printing on offset machines with a UV curing system.

PROPERTIES

- Excellent printability
- Fast curing
- Good gloss, high colour strength
- Low odour and low migration properties
- In compliance with the EuPIA exclusion policy, Swiss ordinance and German ink ordinance
- Formulated without ITX, benzophenone and PI379

Optimal resistance properties will be obtained 24hours after printing


SUITABLE SUBSTRATES

- All kinds of paper and board
- Inline corona treated polyethylene
- Selected lacquered/primed aluminium foils and lids

Preliminary adhesion tests are recommended.

APPLICATION AREA

- Letterpress
- Wet offset

COLOURS	ARTICLE CODE	IWS	SPIRIT	NITRO	ALKALI
Processing Colours 					
Yellow	EXC30061MF	5	+	+	+
Magenta	EXC30062MF	5	+	+	-
Cyan	EXC30063MF	8	+	+	+
Black	EXC30064MF	8	+	+	+

ADDITIVES

UV Silicone additive		EXC10005	
Wash up solution	water based	EXC10860	<i>for dampening system</i>
Photo initiator	liquid for inks	EXC10045	<i>depth cure</i>
	liquid for inks	EXC10060	<i>surface cure</i>
Thinner		EXC10705	

REMARKS

Cleaning: it is not necessary to wash the press immediately after printing. The STERABOARD FOOD series will not cure in the press and is therefore ready to use for the next day's printing. However, the ink may start to cure in the press if sunlight or UV-light from the bulbs / UV-lamp is allowed to shine on the ink. **Rollers:** the following roller material is recommended: EPDM (Ethylene-Propylene-Diene-Monomers). EPDM rollers show excellent performance with UV-inks. **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 inks 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

3 KG

CONTACT INFO

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