



EXC90380

CHARACTERISTIC

The EXC90380 screen Braille varnish is a radical UV varnish for screen printing.

PROPERTIES

- 🔊 EXC90380 can be applied wet-on-dry on conventional inks and wet-on-wet or wet-on-dry on Excure UV inks
- 🔊 The surface tension of the cured film is typically ± 38 mN/m
- 🔊 EXC90380 is formulated with low toxic ingredients
- 🔊 Low in wet odour and very low odour in the cured print
- 🔊 EXC90380 has a very good clarity
- 🔊 EXC90380 is available press ready at optimal viscosity
- 🔊 Optimal resistance properties will be obtained 24 hours after printing
- 🔊 EXC90380 has a high viscosity

Article	Viscosity 21°C RS1 CP20	Cure	Slip	Gloss	Rub / scuff	Property
EXC90380	35 – 45 Poises*	High	Low	High	Medium	Braille varnish

(* Viscosity tester Spindle 1)

TYPES

- Radical chemistry

APPLICATION AREA

- Rotation screen printing

SUITABLE SUBSTRATES (min. surface tension 38 dynes/cm)

- 📄 All kinds of paper and board
- 📄 Certain corona treated PE-films
- 📄 Other substrates: to be tested

REMARKS

- ★ Stir well before use.
- ★ 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.

PACKAGING

- 5 kg cans

ADDITIVES

- | | | |
|-----------------------------|-------------------------|----------|
| ◆ Wash up solution | for manual washing | EXC10810 |
| | for automatic washing | EXC10800 |
| | labelling and reg. free | EXC10820 |
| ◆ Photoinitiator | | EXC10708 |
| ◆ Thinner | | EXC10012 |
| ◆ Slip agent | | EXC10005 |
| ◆ Anti penetration additive | | EXC10013 |

PRODUCT SAFETY

This varnish (or these inks) is (are) **NOT** suitable for **FOOD applications** unless a proper risk assessment proves that its use is safe (e.g. if the process rules out the possibility of set-off in the reel or stack AND if the design of the final printed article ensures reliable functional barrier properties to migration). For further information please contact our local sales team or www.toyoink.eu.