



Technische Steekkaart
Fiche Technique
Technisches Merkblatt
Technical Data Sheet

TOYO INK

UV SCREEN VARNISH LOW ODOUR

CHARACTERISTIC

This radical UV varnish is formulated without benzophenone and with very low odour properties.

PROPERTIES

- ☞ *This varnish 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 < 34 mN/m for this varnish.*
- ☞ *This varnish is formulated with very low toxicity ingredients*
- ☞ *Low in wet odour and very low odour in the cured print*
- ☞ *This varnish has a very good clarity*
- ☞ *This varnish is press ready at optimal viscosity*
- ☞ *Optimal resistance properties will be obtained 24 hours after printing*

Article	Viscosity 21°C/DIN 4 mm	Cure	Slip	Gloss	Rub / scuff	Property
EXC90362	40 – 60"	High	High	High	Medium/High	Standard

TYPES

- *Radical chemistry*

APPLICATION AREA

- Web screen printing / flat bed 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

- ★ *Shelf life: all UV varnishes have a 12-month shelf life guarantee. This guarantee covers 12 months from the date of manufacture (which is mentioned on the label). In order to give this guarantee, certain recommendations must be followed: UV varnishes should be kept on stock at temperatures between 15 – 20°C and they should not be exposed to direct sunlight. If possible, store the varnish in a dark room.*
- ★ *Stir well before use.*

PACKAGING

- 10 kg jerry cans
- 25 kg jerry cans
- 200 kg barrels
- 600 kg containers
- 1000 kg containers

ADDITIVES

◆ Wash up solution	for manual washing	EXC10810
	for automatic washing	EXC10800
	labelling and reg. free	EXC10820
◆ Photoinitiator		EXC10708
◆ Levelling agent		EXC10003
◆ Thinner		EXC10705
◆ 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.*