



EXC97084

CHARACTERISTIC

The EXC97084 is a radical gluable UV matt varnish for all varnishing machines and flexo units.

PROPERTIES

- 🔊 *The EXC97084 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 with this UV varnish is typically ± 38 mN/m*
- 🔊 *The EXC97084 is formulated with low toxic ingredients*
- 🔊 *Low in wet odour and very low odour in the cured print*
- 🔊 *The EXC97084 is available press ready at optimal viscosity*
- 🔊 *The EXC97084 can be used with normal flexo plates*
- 🔊 *Optimal resistance properties will be obtained 24 hours after printing*

Article	Viscosity 21°C/DIN 4mm	Cure	Slip	Gloss	Rub / scuff	Property
EXC97084	40 – 60 sec	Medium/High	Medium	Very low	Medium/High	Matt

TYPES

- *Radical chemistry*

APPLICATION AREA

- Varnishing machines / coaters*

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

- ★ Both EPDM and nitril rollers are suitable when using our EXC97084.
- ★ 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 temperature between 15 – 20°C and they should not be exposed to direct sunlight. If possible, store the varnish in a dark room.
- ★ This varnish should be mixed very well before usage to avoid certain components to settle to the bottom or to float to the surface.

PACKAGING

- 5 kg plastic pails
- 25 kg jerry cans

ADDITIVES

◆ Wash up solution	for manual washing	EXC10810
	for automatic washing	EXC10800
	labelling and reg. free	EXC10820
◆ Photoinitiator		EXC10708
◆ Levelling agent		EXC10030
◆ Thinner		EXC10012
◆ Slip agent		EXC10005
◆ Anti penetration additive		EXC10013
◆ Surface tension pen (38 dynes)		602038

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.toyoinkarets.com.