



# UV FLEXO VARNISHES

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## LOW ODOUR

### CHARACTERISTIC

*These UV varnishes are radical UV varnishes, formulated without benzophenone, with very low odour properties.*

### PROPERTIES

- ☞ *These varnishes 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 non gluable varnishes and ± 38 mN/m for gluable varnishes.*
- ☞ *These varnishes are formulated with very low toxicity ingredients*
- ☞ *Low in wet odour and very low odour in the cured print*
- ☞ *These varnishes have very good clarity*
- ☞ *These varnishes are press ready at optimal viscosity*
- ☞ *These varnishes can be used with normal flexo and letterpress plates*
- ☞ *Optimal resistance properties will be obtained 24 hours after printing*

### 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 rubber rollers are suitable when using these varnishes.*
- ★ *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.*



## 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](http://www.toyoinkarets.com).*