

Not-Yellowing UV Varnish 34.890 NF Toys

Code A31134890NF005

PRODUCT DESCRIPTION

Ultraviolet curing overprint varnish with glossy finishing.

APPLICATION FIELDS

This varnish is particularly indicated for such applications requiring transparence and good chemical resistances.

It is indicated for overprinting of stickers, thanks to its compatibility with application tape.

APPLICATION PROCESS

Substrates	Paper, flexible and rigid PVC, ABS, PC, Treated PP and PE
Th/Cm	Max. 165 Th/Cm
Emulsion	<ul style="list-style-type: none"> Zero - In SV Plus Viola Zero - In SRV
Squeegee	Square edge Squeegee hardness: from 70 to 85 Shores
Curing	UV lamps from 80 to 120 W/cm Carpet speed: 15-20 m/min Power: at least 150 mJ/cm ²
Thinner	<i>Reactive Thinner 100.900</i> (code A31810090000...) Max. 10%
Auxiliaries	<i>Concentrated Photoinitiator UV 100.978</i> (code A318100978001) Max. 5%
Adhesion Promoter	<i>Adhesion Promoter 100.835</i> (code A318106835001) Max. 5%
Levelling Agent	<i>Levelling Agent 90.970</i> (code A31890970000) Max. 2%
Cleaning	<i>Solvent LQ 90.920</i>
Storage	If kept in a dark place, in its original sealed package, at a temperature of 20-25°C, the product has a shelf-life of about 1 year
Package	5 kg
Safety Data Sheet	Available on request

GENERAL FEATURES

- Excellent chemical resistances
- Excellent mechanical resistances
- Good transparence
- Compatible with Application Tape
- Not-yellowing

PREPARATION

Mix the product well, before using it.

This varnish is ready to use, but, in case that viscosity reduction is needed, it is possible to add up to 10% *Reactive Thinner 100.900*.

TECHNICAL FEATURES

The performance of the product, printed with a 150 th/cm screen, is 70-80 m²/Kg. These data are merely an indication, since they depend on the dilution, the substrate and the printing equipment. In case that an increase in ink reactivity is required, it is possible to add up to 5% *Concentrated Photoinitiator UV 100.978*.



SPECIAL INSTRUCTIONS

- Always test the characteristics of the product, before starting production.
- The above information is the result of previous knowledge and experience; it is neither a guarantee nor an assurance.
- When beginning printing, always check the right curing of the ink.
- In order to increase adhesion onto treated PP and PE, it is recommended to add up to 5% *Adhesion Promoter 100.835*.
- If applications through cylinder machines or high production speeds are needed, it is recommended to add *Levelling Agent 90.970* (max 2%)

IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us of the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.