

TEKNOVACURE UV OVERPRINT VARNISH GLOSS UG 330X SERIES

1. PRODUCT DESCRIPTION

It is a high quality curable UV overprint varnish with excellent curing ability in UV overprint varnish application of magazines, posters, brochures, booklets, packaging, labels and similar prints. It is suitable for both offset and flexographic applications. It has excellent scratch resistance, outstanding flow and flexibility to create a smooth surface.

2. PRODUCT FEATURES

Viscosity @ 20°C Brookfield	275 – 350 cp	Solid Content	> 95%
Viscosity @ 20°C Din Cup4	50 – 70 sec.	Gloss	90+ at 60° Reflection
Liquid Appearance	Transparent	Solvent Content	Solvent Free
Odor	Characteristic	pH	8-9
Cured Appearance	Clear film	Density	1,12-1,16 g/ml

Flexibility	Hot Stamping	Suitable for In-Line	Direct Food Contact	Applied via Pump
Excellent	X	✓	X	✓

3. APPLICATIONS

TEKNOVACURE UV OVERPRINT VARNISH is designed to be applied through a variety of application systems, including roller coating machine, offset sheetfed press, flexo printing, letterpress printing and roll-to-roll offset printing machines. The recommended application is approximately 3-6 g/m² to achieve optimum brightness.

- Stir well before use!
- Make sure that the machinery and other materials used in the process are clean to prevent contamination during application.
- It is recommended to test the compatibility with the system before using the UV overprint varnish.
- It is recommended to use UV cleaning products such as *Alfa Eco Wash UV*, *Nova UV Blanket and Roller Wash* or *Turquoise UV Blanket and Roller Wash* for cleaning after printing.

4. STORAGE

Ideally, the appropriate storage temperature of the product should +5°C/+30°C. High temperatures should be avoided during the storage of the product and should be kept away from sunlight. The shelf life of the product is 6 months in its original packaging under ideal storage conditions. Since it is a curable product, it should not be left open for use.

5.SAFETY

While using this product, please follow the advice and information given in the safety data sheet. Use adequate protective equipment to work with chemicals and follow hygiene measures at the workplace.

Dispose according to local / regional / national regulations regarding the disposal of hazardous waste

PACKAGING: 10 kg bucket, 20 Kg bucket, 200 Kg Iron drums, 1000 Kg IBC

NOTE:

The purpose of this technical document is to provide users with general information about the product. According to the experiments carried in our laboratory and in addition to our experience in the field, the data we have collected may not conform with the required application due to the several external factors. Therefore, these data cannot guarantee the suitability of the product for a particular purpose or the specific properties. The correct application for each product should be carefully checked for suitability. Therefore, this recommendation cannot be used as a basis for claims in law. It is the responsibility of the purchaser of our product to ensure compliance with all property rights, existing laws and regulations.