Technical data Sheet

GENOVARNISH28LED	UV VARNISH SILK SCREEN 06 LED

Product informations:

UV Varnish Silk Screen 06 LED is a contemporary low energy/LED UV curable topcoat designed for Screen applications. It can be used on both Rotary and Flatbed Screen applications. This coating is specially formulated in order to match the needs of higher wavelength output of low energy/LED processes. Typically this coating has outstanding flow and leveling properties and has excellent curing capability. It creates an even, smooth surface with high gloss and high scuff resistance, with superior flexibility for scoring and folding.

Typical End Use:

Magazines, Posters, Brochures, Leaflets, PVC.

Printable holder:

Paper, PPE, PVC, Film Coated.

Typical properties:

Low odor, high gloss and flexibility, high flow, die-cuttable, creasable.

Reprintable (with coating)	**Yes**	**Application**	**Screen printing**
Reprintable (with inks)	**No**	**In-Line printing**	**Yes**
Thermolaminable	**No**	**Recomm. Canvas**	**150-180**

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Viscosity @ 22°C Ford-Cup	85-95 sec	**Appearence**	Hazy
		Odor	Typical
Reactivity with LED	385 / 395 nanometers	**Cured appearence**	Clear film
Solid Content	100 %	**Gloss**	90+ at 60° Reflection

Recommended Application

This coating is designed to for Screen applications. It can be used in both Rotary and Flatbed Screen applications.

For optimal performance, the recommended application is app 7-10 Gr/m2

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Processing

Stir properly for longer time under high shear, making sure that equipment is clean in order to avoid contamination from other materials.

Drying

This coating is designed to be cured at 385 / 395 nanometers LED lamp. Substrate may also have an effect on cure speed. Always test coating for compatibility with ink systems, substrates and for sufficient cure before general use.

Cleaning

Appliance and other equipment can be cleaned with alcohol or other UV cleaning products.

Shelf Life and Storage conditions

UV Products must be stored tightly closed, away from direct light*. The optimal storage temperature is between 5°C and 35°C. UV Products are packaged leaving sufficient air space to prevent accidental polymerization of the product.

**LED products are more sensitive to visible light.*

NORMAL STORAGE DURATION: 1 year

Safety

UV Products are generally considered to be non-toxicological. However during handling and use the user should avoid inhalation of vapors as well as direct eye or skin contact. UV products can be an irritant to skin and eyes, wash immediately with soap and water if there is direct contact. Protective eyewear and latex gloves are recommended while using this product. Consult the SDS for additional handling and safety information.

Packaging

Avaliable in 5 Kg or 20 Kg drums.

Transportation

Non-dangerous goods. Can be transported in freezing temperatures but product should be brought to room temperature prior to use.

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