

TECHNICAL INFORMATION

INKKER BSI-UV 099

Flexo Printing Varnish

525-27099-910



DESCRIPTION

El INKKER BSI UV 099 is a special varnish for the flexographic printing industry and protects the printing materials from wear or degradation due to rubbing, water, grease and chemicals. It's a Hi-gloss varnish with UV curing.

USO

The INKKER BSI UV 099 is special for varnishing flexographic printings on paper or polypropylene, to improve the appearance of color, the useful life of the graphic product and even its touch feeling.

Line Industrial/Professional Line

PROPERTIES

PHYSICAL PROPERTIES

DATOS

Weight per gallon (kg/gal)

3.85 - 4.00

Brookfield Viscosity (cPs)

2400 - 2900

(%) Active

78 - 85

Shelf life

1 year (in its closed container, without any exposure to UV rays.

AVAILABLE CONTAINERS

5-gallon bucket (18.925 Lt.)

SURFACE PREPARATION

CONDITION

INSTRUCTION

Surface preparation

Surfaces should be dry and free of grease, oil, dust, or any other contaminants.

PRODUCT APPLICATION

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission, or inaccuracy in it. If there is any inconsistency between different language issues of this document, Spanish version will prevail.

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Minimal requirements of the application equipment

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|--------------------|----------------------------------|
| Curing unit | With mercury lamps (80–120 W/cm) |
| UVA energy density | 131 mJ/cm ² |
| UVB energy density | 123 mJ/cm ² |
| UVC energy density | 21 mJ/cm ² |
| UVV energy density | 106 mJ/cm ² |
| Curing speed | 12 m/min |

DRYING TIMES

| | |
|-------------------|---|
| Total drying time | Once printed materials is varnished and passes through the unit with UV lamps, drying is immediate. |
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APPLICATION INSTRUCTIONS

To be applied exclusively by roller printing equipment and UV drying lamps.

NOTICE

- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ Container must be kept out of reach of children, tightly closed in a ventilated place, away from sunlight or intense heat to avoid loss of its properties.
- ✓ It should be used before the expiration date indicated on the packaging label. After that date, all its warranties are void.

HEALTH

- ✓ If you need to dispose of empty containers of our products in Costa Rica, contact your SUR Color paint store or our industrial compound in La Uruca, San Jose
- ✓ This is a professional/industrial product and it should be applied by properly trained personnel, wearing appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>

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