

# Technical Information

## Screen Varnish

**SunChemical®**  
Coates Screen Inks

## Braille» Relief Varnish

# UVX2 70/841-BL

### UV-Curing Relief Varnish, 1-Component

#### APPLICATION

Special varnish, high viscosity, thixotropic adjustment, transparent based on binder base of UV-curing screen printing ink system UVX2. For printing of very high tactile effects, such as braille letters on PVC material, preferably PVC self-adhesive foils.

#### PROPERTIES

- UVX2 70/841-BL has been formulated for printing with coarse fabrics (approx. 27 – 48 threads/cm).
- In order to obtain very high relief structures (point or line widths < 1.5mm) fabric **32-70 Y** should be used in combination with thick stencil and stencil layer thickness (EOM) of 200 – 400µ.
- Printability with coarser or finer fabrics should be determined by corresponding pre-trials.
- Stencil products, suitable for UV-screen inks, coarse fabrics and thick stencil layers such as copy emulsions or capillary films MSP-2 or MS-thick film of our Murakami program should be used.

#### PRINTING/FURTHER PROCESSING

- Relief prints with UVX2 70/841-BL partially have very high layer thicknesses and therefore require careful control in the production process.
- In addition to the usual tests of resistances (UV-curing, adhesion, scratch resistance etc.) stackability and stacking properties of the printed sheets have to be evaluated. Furthermore, verify suitability of further processing such as cutting and die cutting.

#### PACK SIZE

Screen printing varnish UVX2 70/841-BL is delivered in 1 and 5 litre containers. Other pack sizes are available upon request.

#### SHELF LIFE

1 year from date of production.

#### SAFETY DATA SHEETS

Read safety data sheet prior to processing.

Safety data sheets comply with Regulation (EC) No. 1907/2006 (REACH), Appendix II.

➔ For processing information, conformities etc. please refer to product data sheet UVX2.

*The statements in our product and safety data sheets are based on our present experiences, however they are no assurance of product properties and do not justify a contractual legal relationship. We provide these details to inform customers about our products and their possible applications. However, on account of various factors influencing processing of our products it is absolutely essential to carry out printing trials under local production conditions. Choice of individual ink types and their suitability for the intended application is the sole and entire responsibility of the user. We do not assume any liability for any problems of technical or process-related nature. Any liability shall be limited to the value of the goods delivered by us and processed by the user.*

*All former product data sheets are no longer valid.*

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