Technical Information

Replaces the Technical Information dated 29.11.21 Update: 20.05.22

KIWOMASK®UV 7322 VP

Screen printable, UV-curing brushing resist

KIWOMASK UV 7322 VP is a two-component screen-printing lacquer for the selective brushing of surfaces. Its thixotropic formulation facilitates high-definition printing of finest lines.

Notice: KIWOMASK UV 7322 VP has only been tested under our technical and laboratory conditions, which may differ from practice. We therefore ask you to test the suitability of the product for your specific application.

APPLICATION

Pre-treatment: Make sure the substrate is clean and free from grease, for optimum adhesion.

Mixing ratio: Prior to use, mix 5 % of KIWOMIX ZL 1073 into the resist and stir thoroughly to get a homogenous liquid. Use the mixture within a month time.

KIWOMASK UV 7322 VP is being applied by screen printing and hardened by UV light.

Recommended screen-printing parameters: Polyester mesh 120-31 Y to 165-27 Y and a solvent-resistant screen-printing emulsion.

UV HARDENING

Mercury high pressure vapour lamp, required light energy: approx. 800 - 1.500 mJ/cm²

REDUCING

We do not recommend reducing since the mixture comes with parameters suitable for screen printing. The reduction of the viscosity, however, may be achieved by adding max. 1-3% of KIWOSOLV L 80.

CLEANING

Commercially available organic solvent-based cleaners

Stripping of the resist: At ambient temperature with caustic soda or caustic potash solution (3-5%), or by using the ready-to-use solution PREGASOL R 800. The resist separates into easily filterable components.

COLOUR

Blue

VISCOSITY

Approx. 57.000 mPas (Brookfield RVT, 20°C, spindle 6, 20 r/min, 20°C)

HEALTH HAZARDS/ ENVIRONMENTAL PROTECTION

Please follow further information given in the material safety data sheet.

DISPOSAL

Liquid components or non-hardened products are usually hazardous waste and must be disposed of properly. Local or mobile special-waste collection points accept waste and uncleaned empty packaging of these substances. On no account dispose of with household or commercial waste. Hardened material can be disposed of as domestic/ commercial waste after consultation with the responsible authority.

The local authorities, are liable to submit information.

STORAGE

12 months (at 20-25°C and original container).

When stored below 0°C, slight separations can occur, which are reversible after warming to room temperature and thorough stirring.

Avoid direct sun light and other UV-light sources.