

AQUASHARP MVTR

O P V A R N I S H



Aquasharp MVTR OP Varnish is based on the new generation water based ink range formulated for user friendly utilisation on the printing press. This OP Varnish is characterised by its ability to provide high quality, high gloss and excellent transparency with minimal on press adjustments. The varnish is of a neutral ph that translates into low odour, minimum anilox wash up and excellent re-wettability or resolubility on press. Aquasharp Varnish can be used on both fast and slower machines on a number of stocks.

Properties

- Low MVTR
- High scuff resistance
- Print at low viscosity
- Rapid drying for high speed printing
- Good dry and wet rub resistance
- Good Cobb index
- Very good press stability
- Easy clean up
- Neutral ph/no adjustments on machine
- Improved gloss and mileage

Application

Ink viscosity should be adjusted to the press conditions depending upon job design, substrates and print speed.

Gravure - 17-20 sec Zahn #2 @ 25°C

Flexo - 10-22 sec Din #4 @ 25°C.

Reduction

Water

Wash up

Water is normally used just after stopping the press. However, if the varnish has been allowed to dry on the anilox, stereo or cylinder, an aqueous solution of solvent + amine may be necessary to fully remove the dried on ink.

Caution

Aquasharp Inks are independent of ph and therefore it is not recommended to blend with your regular inks as this could cause stability related problems.

BCF

These inks have been formulated in accordance with the recommendation of the British Coatings Federation.

Waste disposal

Care should be exercised in the disposal of printing ink waste. This should be carried out in accordance with good industrial practice observing all the appropriate regulations including the relevant guideline notes to the Environment Conservation Act and Regulations (73/1989).

Health and Safety

Full details appear on the Material Safety Data Sheets

The information outlined in this data sheet is given in good faith but does not constitute a guarantee. Since conditions of handling and application are beyond our control, the converter should assure himself of the suitability of the product for the particular end use. It is recommended that advice be taken from Hi-Tech Inks' Technical Department for all new applications and it is preferable for trials to be carried out before full production runs are commenced.