



**Labeltech is the new generation water based inks formulated to be user friendly on the printing press. These inks are characterised by their ability to provide high quality prints with minimal on press adjustments.**

**The inks are of a neutral ph that translates into low odour around the press. The major application is for Flexo and Gravure overprinting to give high gloss and better resistances to moisture, oil, climate etc. on a number of different substrates. Labeltech OP Varnish has the capabilities of printing on both porous as well as thermoplastic substrates and with minor adjustments in the formulation. The ink will maintain adhesion and film integrity. Labeltech can be used on both fast and slower machines on a number of stocks. This ink can be used with or without bladed inking systems.**

#### **Properties**

- High scuff resistance
- Rapid drying for high speed printing
- Good dry and wet rub resistance
- Good Cobb index for paper and board
- Very good press stability
- Easy clean up
- Neutral ph/no adjustments on machine
- High gloss
- Good mileage
- Excellent resolubility
- Good slip properties

#### **Application**

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

#### **Wash up**

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

#### **Reduction**

Water

#### **Caution**

Labeltech OP Varnish is independent of ph and therefore it is not recommended to blend with standard varnishes 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.