



**Labeltech is the new generation water based ink 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. As the brand name suggests the major application is for Narrow Web print for a number of different substrates. Labeltech 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
- Suitable for flexo printing of large solid areas or more intricate screen work
- Suitable for multiple overlays of solid printing
- High colour strength at low viscosity
- 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
- Improved gloss and mileage
- Excellent resolubility
- High Gloss

#### **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 inks has been allowed to dry on the anilox or stereo, an aqueous solution of solvent and amine may be necessary to fully remove the dried ink.

#### **Light Fastness**

The normal range has reasonable to good light fastness. However, for extended exposure to outdoor conditions there is a range of lightfast inks available. If the use of pigments with extended light fastness is required, please advise us before ordering.

#### **Reduction**

Water

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.

#### **Process Printing**

Due to the wide range of applications for Labeltech inks, several versions can be tailor-made to fit with printing conditions in order to meet customer requirements. Customers should discuss their specific conditions with our technical service personnel before ordering because substrates, anilox screens and stereos must be considered.

#### **Overprint Varnish**

To meet specific requirements such as rub resistance good gloss, water resistance and low slip, a water-based varnish can be supplied.

#### **Caution**

Labeltech Inks are independent of ph and therefore it is not recommended to blend with standard 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