



**The Technivure range of inks is formulated for high speed gravure printing of treated polypropylene that will be used for snack packaging e.g. potato crisps and chocolates. These inks can be run at high speed and have low odour and low retained solvent. The Technivure range with slight modification can be used for lamination and cold seal work.**

### Properties

- Low odour
- Good gloss
- Heat resistant – suitable for many seal applications
- Good grease resistance
- Low solvent retention
- Excellent printability
- Excellent transfer out of cells
- Good jaw release
- Good flexibility
- Good scuff and rub resistance
- Excellent adhesion
- Non Toxic

### Substrates

- Treated Polypropylene films
- Treated Polyethylene
- Primed Metallised Films
- Washed foils
- Paper

### General

It is advisable to have films treated to a minimum of 38 dynes/cm to achieve good adhesion. Excellent printability can be achieved at both high and low print speeds (80 to 380 m/minute), providing drying speed adjustments are made on the press.

### Reducer

SLOW: 1:1 meths: Normal Propyl Acetate

NORMAL: 4:1 meths: Ethyl Acetate

FAST: 1:1 meths: Ethyl Acetate

### Wash up

Recommended reducing solvent can be utilised. A higher Ester content can be used for more stubborn inks.

### Viscosity

Supply Viscosity: (Flexo and Gravure)

White: 40-45sec Zahn #2 @ 25°C

Colour: 40 -45 seconds Zahn #2 @ 25°C

Gravure Print Viscosity: 18 to 22 seconds Zahn #2 @ 25°C

Flexo Print Viscosity: 25 to 30 seconds Zahn #2 @ 25°C

### 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.