



**The Stingray range is a modified nitrocellulose based ink system that has been formulated for the flexo and gravure printing of PVC twist, cello films, paper and board.**

#### **Properties**

- Low solvent retention
- Good adhesion
- Glossy
- Heat resistant of 140°C@40 PSI 0.5 sec dwell time

#### **Substrates**

- Cello
- Paper
- Board
- PVC

#### **Reducer**

SLOW : Meths: Ethoxy Propanol

NORMAL : Meths

FAST : Meths: Ethyl Acetate

#### **Wash up**

Meths: Ester Blends

A full spectrum of colour pigments are available in the Stingray Range, which may only be limited

#### **Colour Range**

by selection for specific applications. They are of reasonable light fastness but may not be suitable for extended exposure to direct sunlight. If requirements for more resistant pigments are needed, these should be stated at the time of ordering.

#### **Viscosity**

Supply viscosity

Colours : 40-45 Sec Zahn #2 @ 25°C

Print viscosity : 25 - 35 Sec Zahn #2 @ 25°C

#### **Wash up**

Meths: Ester Blends are usually sufficient

#### **Colour Range**

A full range of pigments are available in the Lustreflex Range, which may be limited by selection for specific applications. They are of reasonable light fastness but may not be suitable for extended exposure to direct sunlight. If requirements for more resistant pigments are required, these should be specified at the time of ordering.

#### **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.