

INKTECH

INNOVATION IN INK

PACKAGING INK SPECIALISTS

HI SPEC LOW GRIP LACQUER

SOLVENT INK SYSTEM

Technical Data Sheet

INKTECH Ltd

Crawford Street
Rochdale, Lancashire
OL16 5NU, United Kingdom
sales@inktechinnovation.co.uk
+44 (0) 1706 868844

INKTECH B.V.

Minosstraat 19,
Tilburg
5048 CK, The Netherlands
sales@inktechbv.nl
+31 137370035

A solvent based Flexographic Ink for surface printing. The inks & coatings are alcohol/ester reducible, specifically formulated for printing onto polyolefins requiring high coefficient of friction for carrier bags, PE sacks and other similar packaging applications.

ADVANTAGES:

- Excellent adhesion to the substrate.
- Designed for long press runs with minimal adjustments and press side maintenance, with easy clean-up and re-solubility.
- The ink provides good rub and scuff resistance.
- Excellent gloss.
- Offers high coefficient of friction at 0.35-0.45 dynamic.
- Excellent rheology.
- High Solids.
- Variable press speeds 100-550mpm.
- Excellent release and non-blocking.
- Available in Gloss or Matt finish, the ink is supplied neat and can be diluted with suitable thinners/medium to obtain the desired press viscosity.
- Heat resistant between 180-220°C for heat seal conditions only (not suitable for high temperature environments such as ovens).
- Supplied in 20kg steel drums, barrels or IBC.

APPLICATION:

Recommended for surface printed on to ink or direct to the substrate.

Lacquers are not necessarily fully resistant to all post printing conditions that may be encountered. It is therefore necessary to indicate the resistance required at the time of ordering. C.O.A requested at time of order can be supplied quoting specification requirements.

Not designed for outdoor exposure.

DILUTION AND WASH-UP:

Standard	Ethanol/Normal Propyl Acetate
Fast Thinner	Ethanol/Ethyl Acetate
Retarder	Methoxy Propanol / Ethoxy Propanol

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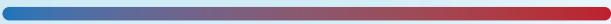
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HANDLING:

- Store inks and use them in a warm place during winter, at temperatures not below 15°C. If storage temperature is below 15°C, the ink may thicken a little. In this case bring inks back to room temperature before using.
- The Lacquer series is gel free.
- Please refer to the Safety data sheets (SDS) before using.
- Always use in well ventilated areas.
- All electrical equipment should be suitable for volatile solvent atmosphere.
- Keep inks in original containers.
- Wear protective gloves, clothing and safety glasses.
- Stir well before use.
- Seal tight containers after use.
- Approximately 35% - 40% solids but each product/blend will vary.

STORAGE:

18°C  30°C

- Shelf life is 12 months, when properly stored at temperatures between +18°C and +30°C.

CLEANING:

In order to clean the rollers, use normal Ethanol/propyl acetate mix.

TECHNICAL ASSISTANCE:

Our experienced laboratory technicians are dedicated to providing innovative technical solutions to ink developments and if necessary, will customise formulations to your specific requirements, ensuring the optimum outcome for you.

WASTE DISPOSAL:

Care should be exercised in the disposal of printing ink waste. This should be carried out in accordance with local waste regulations. Refer also to SDS.

Inks are not suitable for direct food contact. For more information about food contact status and product regulatory compliance please refer to our General Regulatory Statement.

CONTACTS:

Technical

John Blair

john.blair@inktechinnovation.co.uk
+44 (0) 7469 933 405

Jayne Woosey

jayne.woosey@inktechinnovation.co.uk
+44(0) 1706 868844

Sales

sales@inktechinnovation.co.uk
+44 (0) 1706 868 844

www.inktechinnovation.co.uk



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