

INKTECH

INNOVATION IN INK

PACKAGING INK SPECIALISTS

SUMMIT

SOLVENT-BASED INK SYSTEM

Technical Data Sheet

INKTECH Ltd

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SUMMIT is a range of solvent-based flexographic inks and lacquers for surface printing, and with excellent adhesion to polyolefin films esp. OPP. SUMMIT products are heat resistant and therefore suitable for use in heat-seal areas. Typical applications include snack food packaging. SUMMIT inks are available as finished products or as a base scheme. SUMMIT functional lacquers, coatings and special effect lacquers (such as matt and tactile) are available within the range.

ADVANTAGES:

- Excellent adhesion to the substrate.
- Excellent rub, scratch and scuff resistance.
- Highly pigmented and high gloss.
- Heat resistance 180°C to 220°C.
- Suitable to run at a variety of press speeds 50-350mpm.
- Excellent release and non-blocking.
- Low odour, low migratables and low solvent retention.
- Monomeric plasticiser free.

PRODUCT BENEFITS AND SUITABILITY:

- Designed for long press runs with minimal adjustments and press side maintenance giving excellent colour value with easy clean-up and re-solubility.
- Available from stock in a range of colours.
- Also available as a Tech Varnish for Base Scheme customers. The ink is supplied neat and can be diluted with suitable thinners / medium to obtain the required viscosity.

DILUTION AND WASH-UP:

Standard	3:1 Ethanol / Normal Propyl Acetate
Fast Thinner	3:1 Ethanol / Ethyl Acetate
Retarder	Ethoxy Propanol

WASH UP SOLVENTS:

Standard wash up solvents can be used e.g. Alcohol / Ester blends.

HANDLING:

SUMMIT products are classed as highly flammable.

Suitable precautions should be observed to avoid ignition sources.

STORAGE:

10°C ← → 35°C

- Shelf life is 12 months, when properly stored at temperatures between +10°C and +35°C.

END-USE PRECAUTIONS:

Acceptable technical performance of SUMMIT is dependent on control of standard industry variables, some of which are:

- Control of film weight and viscosities.
- Correct backing-white where applicable.
- Adequate drying on press.
- Adequate film treatment / type.
- Control of any migratable substances within the print, film or adhesives.
- Suitable levels of corona treatment.

Choice and control of film weight, drying conditions, substrate and backing white are technical requirements for which the Inktech Technical and Technical Sales team can provide assistance in the form of suggestions or support.

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:

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DISCLAIMER: March 2025. This information has been carefully compiled from experience gained in the laboratory and under commercial conditions. However, the product's performance and its suitability for the customer's purpose depend on the conditions of use and the material being printed. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. Since we cannot anticipate or control the conditions under which our products are used it is not possible to guarantee their performance. All sales are subject to our standard terms and conditions of sale. We would point out that the information contained in this leaflet is only a recommendation and may need to be altered to suit the conditions and efficiency of the equipment employed. INKTECH's products are not designed for use in conjunction with those of any other ink maker or similar supplier unless agreed to in writing.