

INKTECH

INNOVATION IN INK

PACKAGING INK SPECIALISTS

STRATUS CUP

WATER-BASED INK SYSTEM

Technical Data Sheet

INKTECH Ltd

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STRATUS CUP is a highly pigmented water-based ink for printing onto paper, board and coated board for paper cup application*.

ADVANTAGES:

- Designed for long press runs with minimal adjustment and press-side maintenance, imparting high colour strength and excellent re-solubility**.
- Low foaming.
- Excellent substrate wet-out.

APPLICATION:

- For use on flexographic presses.
- Maintain print viscosity during the job using the recommended reducer.
- The product drying is dependent on a number of factors including applied film weight, product formulation, reducer, drying capacity of the printing machine and the substrate.
- Print variables can influence the curing time of inks and coatings. It can take up to 24 hours for optimum product resistance to be achieved.
- Ensure the colour index selection is suitable for the intended application.
- Not suitable for printing onto food contact surface.
- Stratus products are not specifically developed for microwave or ovenable applications and suitability must be checked by customer prior to use. Inks that contain Metallic or Carbon Black pigments should not be used for microwave applications.
- Not recommended for towel and tissue applications.

*The final product / packaging structure must be tested and approved according to the intended application by the printer / packer. If your application covers any of the aforementioned, or other non-standard applications, please consult your Inktech Technical Support representative for guidance.

** Due to the variance of commercially available substrates, we strictly recommended to verify the suitability of the product under your own production conditions.

DILUTION:

Standard	Water
Retarder	See Inktech technical representative if any issues with drying

HANDLING:

Printing inks need special care:

- Please refer to the Safety data sheets (SDS) before using.
- Always use in well ventilated areas.
- Keep inks in original containers.
- Wear protective gloves, clothing and safety glasses.
- Stir well before use.
- Seal tight containers after use.

STORAGE:

- The products should be processed within 6 months after production date.
- To prolong the shelf-life of the inks, we recommend storing the product in its original un-opened packaging at room temperature (18-25 deg C), as correct storage conditions are essential.
- Protect from frost.

18°C ← → 25°C

CLEANING:

- Immediately clean the printing unit or any concerned machine parts with a suitable cleaning solution.
- Disposal of waste product and packaging should follow local and national regulations. Do not let any printing products or cleaning waste enter local drains.

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.
- The team also supply free pantone matching support if you require any colour please call/email and we will be happy to send a formulation for mixing.
- All colours are matched using the latest X-RITE PANTONE software and spectrophotometers.

FOOD PACKAGING:

It is the ultimate responsibility of the food packaging supply chain to ensure packaged food is safe. With regard to potential migration of substances into food from the printed packaging, it is the responsibility of the printer/converter and food packager to ensure that no such migration occurs beyond permitted regulatory levels. To fulfil its responsibility within the supply chain Inktech will provide details to the customer of potential migratable components, where present in its inks, through the preparation and communication of a 'Statement of Composition' (available on request).

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: June 2025. This information has been carefully compiled from experience gained in the laboratory and under commercial conditions. However, the products performance and its suitability for the customers 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.