Product Technical Data Sheet

U396 – Ultra Low Odour High Gloss UV Varnish

- Exhibits gloss finish when applied both in and off-line
- Offers ultra low odour (low migration), making it ideal for indirect food contact applications.
- Fast curing allowing for faster press speeds
- Provides non yellowing finish after curing

Applications
U396 should be applied at a 4 – 6gsm and cured using a medium pressure mercury lamp at a minimum of 200 W / inch (80 W.cm).

Properties

Viscosity (Din4 @ 25°c)	35-40 seconds
Gloss	High
Scuff/Rub	High
Slip	ST 0.35 – 0.40
Foil Blocking / Gluing	Not Suitable

Substrate
U396 has been designed for use on most paper and board substrates.

Suitable for substrates above 115gsm

Care should be taken and tests conduct if used on lighter weight stocks.

Machine / Printing

U396 has been designed for in-line application over UV inks as well as off-line application over conventional ink. This product can be applied via a dedicated coater or flexo system.

Inks should ideally be alkali resistant and wax free for optimum results. Testing ink suitability prior to production runs is recommended.

Storage, Shelf Life and Health and Safety

- Store in temperatures not exceeding 30°C and not falling below 5°C!
- Store on either pallets or racking in order to protect from cold floors.
- If left unopened and kept in the correct conditions this product has a shelf life of 6 months.

Labeling: Xi Irritant
Usage: Will not give rise to any significant hazard provided reasonable standards of industrial practice are maintained.

Note

The information contained in this data sheet corresponds with our current knowledge and experience. The liability for the application and processing of our products lies with the buyer, who is also responsible for observing the third party rights.

We reserve the right to alter any of these details as a result of technical or manufacturing developments.

For any further information please contact the technical department at ECS (Nottingham) LTD

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