

UVivid

UV Narrow Web Printing Inks

UVivid RVA14

UV Flexo Blockable Gloss Varnish

Features

- Adhesion to a wide range of substrates.
- Excellent adhesion over UVivid ink systems.
- Good chemical and product resistance.
- Suitable for foil blocking/thermal transfer.

Application

UVivid RVA14 UV Blockable Gloss Varnish is a general purpose varnish that is particularly suited to applications requiring acceptance of foil blocking and thermal transfer.

Printing Recommendations

Anilox	Print Speed	Lamp Power*
3.5 - 8 cm ³ /m ² 300-400lpi	Up to 80m/min	160w/cm (400w/inch) bulb 100% power

*Based on prints from a Nilpeter FA2500 press

Additives

Product	Code	Application	Dosage	Pack Sizes
Flexo Thinner	ZE818	General use	1-10%	1lt, 5lt
Cure Additive	ZE824	To improve cure if required	1-3%	1lt

Wash-up

Application	Product Reference	Product Code
To clean plates, rollers and other equipment.	General Cleaner	DFGC1
To remove deep-seated ink deposits from anilox rollers.	Apollo Deep Clean	DFDCL
For use in automatic solvent washout units.	Autowash Cleaner	DFAUT

Pre-production testing

UVivid RVA14 UV Blockable Gloss Varnish is formulated to adhere to most major brand, top coated or corona treated, synthetic materials with surface tension levels of 38 dyne/cm or higher, coated paper and board, top coated thermal paper, aluminium foils, polyester and PVC. However, it is strongly recommended that all substrates and blocking foils be tested before use in a commercial situation. Similar substrates can vary between manufacturers, and between batches from the same manufacturer. Certain synthetics may be impregnated with lubricants, which may migrate and impair adhesion. It is also recommended to thoroughly test for compatibility when overprinting with toners and pigments used in overprint technologies.

The end-user must determine suitability of this product for the intended use prior to production.

Storage

Containers should be tightly closed immediately after use. At the end of long print runs surplus varnish from the duct should be disposed of. Uncontaminated press returns should be stored under the same conditions as the unopened containers. These returns should be used within 3 months of the original date of manufacture. UVivid RVA14 UV Blockable Gloss Varnish should not be stored in direct sunlight or near warm pipes and should be kept away from Peroxides. In the interest of maximum shelf-life storage temperatures should be between 5°C and 25°C. Inks and additives should not be stored in direct sunlight or extreme temperatures. Refer to Material Safety Data Sheet (MSDS) for materials and conditions to be avoided.

Shelf-life

When stored unopened in a cool environment all UVivid RVA14 UV Blockable Gloss Varnish is expected to have a shelf life of approximately 12 months from the original date of manufacture.

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Pack Size

UVivid RVA14 UV Blockable Gloss Varnish is available in a 5kg pack size.

Fujifilm Sericol UK Limited

- Has certification to the International Environmental Standard, ISO 14001.
- Is committed to minimising the risk to users of our products, and also to minimising the impact of our activities on the environment, from formulation through to production and supply.
- Research & development team, work to an in house Health, Safety and Environmental policy, termed 'Design for Health, Safety and Environment', with the aim of proactively developing products with the least impact on health, safety and the environment.
- Regularly review and monitor our impacts and activities, setting objectives and targets as part of a continual improvement process.
- Is committed to reducing waste through better use of raw materials, energy, water, re-use and recycling.

Safety and Handling

RVA14 UV Blockable Gloss Varnish:

- Is formulated to be free from any chemicals toxic to health, carcinogenic, mutagenic or reprotoxic according to Directive 67/548/EC.
- Has a flashpoint greater than 55°C and is therefore not classified as a "dangerous substance" under the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR).
- Comprehensive information on the safety and handling of UVivid RVA14 UV Blockable Gloss Varnish and associated products is given in the appropriate Sericol Safety Data Sheet available upon request.

Environmental Information

RVA14 UV Blockable Gloss Varnish:

- Does not contain ozone depleting chemicals as described in the Montreal Convention.
- Is formulated free from aromatic hydrocarbons.
- Is free of any volatile solvent and can therefore be considered to have less impact on the environment, when compared with solvent-based products.

The information and recommendations contained in this Product Information Sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Product Information Sheet out of date and users are requested to ensure that they follow current recommendations.

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