

# UVivid

UV Narrow Web Printing Inks

## UVivid RVA06 UV Protection Varnish

### Features

- Gloss finish
- Amine free
- Suitable for exterior applications
- Excellent resistance properties

### Applications

UVivid RVA06 UV Protection Varnish is designed to compliment the UVivid flexo JD ink range in applications where external weathering and exposure to sunlight occur.

### Printing Recommendations

Anilox	Print Speed	Lamp Power*
5.5 - 15 cm <sup>2</sup> /m <sup>3</sup>	Up to 60m/min	160w/cm (400w/inch) bulb 100% power

\*Based on prints from a Nilpeter FA2500 press

UVivid RVA06 UV Protection Varnish must be stirred before each use.

**Note:** The resistance properties obtained from the varnish are proportional to the deposit printed.

### Wash-up

Application	Product	Code	Pack sizes
To clean plates, rollers and other equipment	General Cleaner	DFGC1	5lt
To remove deep-seated ink deposits from anilox rollers	Appollo Deep Clean	DFDCL	1lt
For use in automatic solvent washout units	Autowash Cleaner	DFAUT	15lt

### Pre-production testing

UVivid RVA06 UV Protection 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. 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.**

### Additives

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

### 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 unopened containers. These should be used within 3 months of the original date of manufacture. UVivid RVA06 UV Protection 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 10°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.

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## Shelf-life

When stored unopened in a cool environment UVivid RVA06 UV Protection Varnish is expected to have a shelf-life of approximately 12 months from the original date of manufacture.

## Pack Size

UVivid RVA06 UV Protection Varnish is available in a 5 kg 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

UVivid RVA06 UV Protection 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 RVA06 UV Protection Varnish and associated products is given in the appropriate Sericol Safety Data Sheet available upon request.

## Environmental

UVivid RVA06 UV Protection Varnish:

- Does not contain ozone depleting chemicals as described in the Montreal Convention.
- Is formulated free from aromatic hydrocarbons.
- Is not routinely tested, but is formulated to comply with the EN71-3 1995 Toy Safety Standard.

*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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