

# UVivid

UV Narrow Web Printing Inks

## UVivid JD752 Supernova White

### Features

- High Density basecoat UV flexo White
- Outstanding opacity
- Optimised performance with high volume anilox rolls
- Exceptional adhesion
- Fast cure response

### Application

UVivid JD752 Supernova White has been developed primarily as a UV flexo base coat white to enable the high production speeds associated with the flexo process to be maintained without compromising the high opacity needed when printing clear filmic substrates. The printing of fine text with JD752 is not generally recommended with high volume anilox rolls. Lower volumes will improve definition but this will be at the expense of opacity and lay of solid areas.

Contact your Fujifilm Sericol representative for advice on optimum anilox roll specification and print conditions.

### Printing Recommendations

Anilox Roll	150 lpi HOW engraving
Doctor Blades	The low viscosity of JD752 makes it suitable for reverse angle and chambered doctor blade systems. To obtain optimum results it is recommended that a doctor blade is always used.
<b>Plate</b>	<b>Medium Durometer</b>
Tape	High density tapes will always improve the ink transfer on larger solid areas.
Print Speed	Up to 80m/min Deposit dependant
Lamp Power*	160w/cm (400w/inch) bulb 100% power

\* Based on prints from the Nilpeter FA2500 press at Fujifilm Sericol.

#### IMPORTANT:

**Stir well before every use.**

**Do not mix JD752 Supernova White with UVivid Flexo JD line colours to produce colour matches.**

The use of high volume anilox rolls will lead to the need for frequent manual ink replenishment on most narrow web presses where ink pumping systems are not in use. Pumping systems can be employed to improve efficiencies, but it is important that if JD752 is stored in bulk containers, a re-circulation option is available to keep the ink homogenous. Please contact Fujifilm Sericol for advice on suitable systems.

### Wash up

Application	Product Reference	Product Code
To Clean plates, rolls 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

# UVivid JD752

## Pre-production testing

UVivid Flexo JD752 Supernova White is formulated to adhere to transparent, top coated or corona treated polyolefins 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 may impair adhesion.

It is also recommended to thoroughly test for compatibility when overprinted as ribbons, toners and pigments used by overprint technologies may vary from batch to batch.

**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 ink from the duct should be disposed of. Uncontaminated press returns should be stored under the same conditions as the unopened containers. These should be used within 3 months of the original date of manufacture. UVivid Flexo JD752 Supernova White 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.

## Shelf-life

When stored unopened in a cool environment UVivid Flexo JD752 Supernova White is expected to have a shelf life of approximately 12 months from the original date of manufacture.

## Pack Size

UVivid Flexo JD752 Supernova White 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

### UVivid Flexo JD752 Supernova White:

- 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 Flexo JD752 Supernova White and associated products is given in the appropriate Sericol Safety Data Sheet available upon request.

## Environmental Information

### UVivid Flexo JD752 Supernova White:

- 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.*