

Speciality Varnishes

Roller Coater High Gloss UV Varnish for Offset and Flexography

(ITX FREE Varnish)

Uvivid RVA392

High gloss varnish for preprinted
suitable Offset and Flexography inks.

FEATURES

- UV based
- High gloss finish
- Fast curing
- Suitable for printing on roller coating machine

Substrate :

Uvivid RVA392 is designed for gloss varnishing of preprinted labels, paper and board. It is essential that the substrate and varnish combination is fully tested to ensure that it is suitable for overprinting.

TEST RVA392 FOR SUITABILITY
BEFORE PRODUCTION RUN.

SERICOL
More than ink...Solutions.
FUJIFILM

Applications:

Overprinting of suitable, Offset(litho) and Flexographic inks.

Finish:

High gloss finish properties.

Thinning:

Not required

Curing:

Approx 40 metres per minute.
Power of UV lamp 120 Watts/cm (300 Watts/inch)

Curing Information:

The curing schedule quoted is typical for suitable modern UVdryers. Actual curing rates for SOF392 depend on a number of factors, (including film thickness, the number and type of lamps used including lamp emission spectrum, power and efficiency).

Weatherability:

RVA392 is designed for overprinting paper and board prints and therefore is not recommended for outdoor exposure.

Flexibility:

RVA392 is flexible and is suitable for most subsequent folding and creasing operations. The use of a coarse mesh will result in reduced flexibility due to an increase in film thickness. Pre-production tests should be conducted to ensure varnished prints are suitable for intended post-print fabrication.

Product Packing:

Available in 20 Kg pack size.

Viscosity:

45 ± 5 sec @ 30 °C by Ford Cup No. B – 4

Recommended Coating Weight

3-5 GSM (as per needed)

Co-use with other inks:

RVA392 should not be mixed with any other UV or solvent-based inks. Suitable offset and Flexographic inks may be printed under RVA392. Rub removable silver and other Rub Removable inks may be overprinted on RVA392

Substrates:

RVA392 is designed for gloss varnishing of preprinted labels, paper and board. It is essential that the substrate and ink combination is fully tested to ensure that it is suitable for overprinting, for the following reasons: -

- a) Some additives such as waxes can render some inks unsuitable for application under UV cured varnishes such as RVA392. The result is "candling" - a flaking off of the varnish after post curing.
- b) Inks, particularly offset inks, should be completely dry/cured before overprinting, or delaminating may result.
- c) Some resins used in some inks will not allow acceptable adhesion of UV cured varnishes such as RVA392.
- d) Some clay coatings can lose adhesion to the paper or board after the application of varnish, causing it to crack when creased or guillotined.
- e) Some pigments used in offset inks, such as Fanals (PMTA) and Reflex Blue are susceptible to "bleaching" by UV cured varnishes such as RVA392. It is therefore recommended that Fanal and Reflex blue based inks are replaced, with more resistant inks. These include, violet, purple, rhodamine and reflex blue shade of offset inks.

Storage:

Containers should be tightly closed after use. RVA392 should not be stored in direct sunlight or near warm pipes. In the interest of maximum shelf life, storage temperatures should be between 10°C and 25°C. When stored in a cool environment the varnishes are expected to have a shelf life of approximately 6 months from the date of manufacture.

Important:

Stir well before every use. Due to the variety of materials that can be used, printers must ensure, prior to commencing a production run, that all components, that is board, inks and varnish, are fully compatible.

Safety and Handling:

RVA392 varnishes are formulated to be free from any known or suspected toxic, carcinogenic, mutagenic or reprotoxic chemicals. Formulated free from lead and other heavy metals. Comprehensive information on the safety and handling RVA392 is given in the appropriate Sericol Material Safety Data Sheet (MSDS), which is available on the Sericol Product Catalogue CD or upon request. The MSDS should be consulted before handling any inks or chemicals.

Environmental Information:

RVA392 varnishes are free from heavy metals, do not contain ozone-depleting chemicals.

Important Note:

The information and recommendations contained in this product information sheet as well as technical advice otherwise given by representative of our company, whether verbally or in writing, are based on our present knowledge and experience. Such information/ technical advice is given in good faith, but without warranty, in view of the many factors that may affect processes or applications 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 the products will meet fully the particular requirements of the labels/ brands/ agencies of their clients and also that no proprietary rights and existing laws and legislation are violated.

Our advice does not relieve processors from the responsibility of carrying out their own tests and experiments, nor does it imply any legally binding assurance in respect of properties or suitability for a specific purpose or of the legal status of the listed products.

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.

Fujifilm Sericol India Pvt Ltd

- Has certification to the International Environmental Standard, ISO 14001-2015.
 - Is committed to minimizing the risk to users of our products, and also to minimizing the impact of our activities on the environment, from formulation through to production and supply.
 - Regularly review and monitor our impacts and activities, setting objectives and targets as part of a continual improvement process.
- Is committed to reduce waste through better use of raw materials, energy, water, re-use and recycling.

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