

Scented Aqueous Coatings / Scented Overprint Varnish (SOV)

Product Description:

Scented Overprint Varnish (SOV) is a Press Stable Scented Gloss Overprint formulated as an aqueous overprint varnish for application to paper and paperboard through the inking unit of a sheetfed offset press. Typical applications include commercial printing. Contact Ronald T. Dodge Co. for additional information.

Product Physical Characteristics & Guidelines:

- pH 8.0 -8.5 @ 77° F
- Specific Gravity 1.07
- Solids < 8%
- Shelf Life 6 months (unopened container)

Applications:

- **Drying Requirements:** For best results, aqueous overprints varnishes require a sufficient volume of warm air directed onto the varnished surface. The use of IR units (short of medium wavelength) can provide drying assistance in many applications. Exercise care to avoid load temperatures in excess of 90°F
- **Application Weight:** Apply about 20 to 25% more than oil base overprints.
- **Ink Formulary:** Limit wax to typical polyethylene to ensure proper inter-coat adhesion. The use of PTFE, microcrystalline wax or silicone may contribute to application problems. Most aqueous coatings are alkaline in pH. We recommend that the printer avoid the use of inks containing pigments that may bleed or change color when being exposed to an aqueous coating. As a precaution, always evaluate new ink formulation and technologies with the aqueous overprint varnish.

Performance Characteristics:

- SOV gives an enhanced press stability when compared to other products.
- SOV exhibits excellent clarity and gloss.
- SOV exhibits excellent set and dry speed.
- SOV has improved rheology to prevent dripping thru ink fountain.
- SOV exhibits excellent rub and scuff resistance (test versus specifications prior to use).
- SOV is not recommended for use as a UV coating primer.
- SOV is not recommended for hot foil stamping, gluing or imprinting and film laminating.

The information and recommendations in this publication are to the best of Ronald T. Dodge's knowledge and are only opinions. The user of the above product should make their own tests to determine the suitability of the product for their own particular purposes, perceptions and application methods. However, because of numerous factors affecting results, Ronald T. Dodge Company makes no warranty of any kind, expressed or implied, including those of merchantability and fitness for particular purpose. Extra care should be taken to ensure all special effect coating materials and scents are removed to prevent contamination to other products. NOTE: some scents/fragrances have a color and this will be apparent in the capsules and the above product may have a colored tint to it.