

ADHESIVES

TECHNICAL DATA SHEET

DC EB-3312

Tactile Effect Overprint Varnish

DC EB-3312 is a 100% solids, EB curable overprint varnish (OPV) designed to introduce special visual and tactile effects when incorporated in patterned printing. This OPV adheres to porous substrates such as paper and paperboard (printed or unprinted) as well as plastic films. In addition to providing a tactile pattern, DC EB-3312 contains low migration components, cures at high speeds, has low odor, and possesses excellent mechanical resistance.

Typical Properties	
Viscosity RVT #3 @ 20 rpm	625 ± 150 cps
Weight per gallon	9.3
Color Before Curing	Translucent, off-white
Benzophenone-Free	Yes
Optical Brightener	Included
Shelf Life	12 months after manufacture date

Cured Product Properties on Printed SBS Board	
Recommended Cure Conditions (E-Beam)	110 V, 26 kGy or 2.6 Mrad 200 ppm O ₂ , 50 ft/min
Appearance After Curing	Colorless, transparent
60° Gloss	65+
Slide Angle	13 - 28°
Static COF	0.15 – 0.30
Kinetic COF	0.12 – 0.24
Scuff Resistance*	No ink transfer

*After 100 Sutherland rubs with 4 lb weight

Application Information	
Application Method	Flexographic Offset gravure Roll coater Rotary screen
Recommended Coating Weight	4.0 ± 1.0 g/m ²
Packaging	Pails and drums
Cleanup	Organic solvents

Handling & Storage
Under normal conditions, product is stable for 12 months in an unopened container. Store drums in dry areas and keep them tightly covered to prevent contamination. Do not mix with any other products.

Safety Precautions
Consult Safety Data Sheet for hazardous ingredients, disposal methods and related handling information. Use product with adequate ventilation and avoid breathing vapors. Take precautions against skin contact with the molten adhesive to prevent serious burns.

www.dyna-techadhesives.com · 800.847.7773 (Toll Free) · 304.265.5202 (Fax)

This product information is presented in good faith and is to the best of our knowledge, accurate. It is intended to be used as a guide and is not to be construed as a specification for products described herein. Dyna-Tech does not guarantee satisfactory results in any application from reliance upon this information and assumes no liability for any loss or damage arising out of its use. Dyna-Tech recommends that the user of our products thoroughly test them under end use conditions to assure that they meet the requirements of intended applications.