

Technical Data Sheet

WESSCO® 37.111.04 Signite® Interlayer

UV curable, Specialty, clear coating,, designed for use with Signite® Label Technology.

Product Description

UV curing under conditions atmospheric.

For use in food contact application please contact ACTEGA Regulatory compliance for use in indirect food contact application with functional barrier.

For flexo units only

General Information	
Product Type	Coatings
Product Technology	UV curing
Field Of Application	Labels, Others, Pressure Sensitive Labels
Properties	Optical Brightener
Optic	Glossy

Product Characteristics			
Viscosity	• ~295 mPas +/- 65 (Pa*s at 25°C)		
Solid Content	100 + / - 0% Theoretically		
Hot Foil Stamping	No	Glueability	No
Anti Penetration	No	Specific Density (wet)	g/ml /

Substrate Recommendation

- Applied onto approved Signite® coatings only

Application Method

- Stir well before use!
- The property profile of the coating film is given in case of a complete curing. The curing depends on the efficiency of lamps, life of UV lamps, machinery speed, general conditions of the UV unit (reflectors, etc.), temperature and the distance from the UV unit to the substrate. We recommend to clean regularly the reflectors and - if necessary - to change the lamps in case of a drop in lamp efficiency.
- A strong absorption on absorbent surfaces can cause an insufficient curing of the UV varnish, sensory problems, mechanical influence as well as rub resistance problems and poor slip properties.
- The printing inks should be suitable for coating. The resistance against alkali, alcohol and solvents should be given in accordance to DIN ISO 2836, former DIN 16524, to exclude any colour change.
- The total structure of substrate/printing ink/varnish must be cured/dried sufficiently before processing and should be checked during the process.
- Do not pollute the varnish with washing water or other varnishes.
- The increase of the slip angle can't be excluded in case of temperature and humidity. Storage tests are necessary.

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Storage Instructions

- Shelf-life 6 months
- Storage in closed original containers
- Protect from frost, heat and sun exposure
- Place under the exclusion of light.
- Storage at temperatur between 5°C and 35°C

Regulatory Compliance

- P: +41 (0) 44 712 64 00;
- For information about the food legislation assessment of this product (e. g. demands on the Nestlé Standard St-80.001 „Printing Inks for Food Packaging" (version 04-2022) and the Swiss Ordinance (SR 817.023.21 - ordinance of the Swiss Confederation on materials & articles in contact with food) or FDA & California Proposition 65) we ask you to contact our department for quality, environment and product safety.

Additional Information

Application Press: Flexo
Application Anilox: 5-15 BCM
Typical Press Speed: 45m/min
Cure Rate: 157 Watts/cm, mercury vapor bulb

Contact Information

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Disclaimer

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