

## Technical Data Sheet

### WESSCO® LM 2821 Raised Coating Gloss

UV high-gloss coating for finishing of printed products. Tactile coating with low viscosity For Flexo unit

#### ACTEGA Schmid Rhyner AG

Soodring 29, 8134 Adliswil, CH

+41 44 712 64 00

info.ACTEGA.SchmidRhyner@altana.com

www.actega.com

## Product Description

UV curing under atmospheric conditions.

Low migration, suitable for the outside of food and other sensitive packaging, in compliance with legal requirements and guidelines (GMP).

Suitable for small and medium size elements

General Information	
Product Type	Coatings
Product Technology	UV curing
Field Of Application	Flexible Packaging, Labels, Food indirect, Pressure Sensitive Labels, Shrink Sleeves
Properties	Good relief effects are possible.

## 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.
- UV: The property profile of the coating film is given in case of a complete curing.
- 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 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.
- Flexo

## Substrate Recommendation

- various films and paper

## Technical Data Sheet

### WESSCO® LM 2821 Raised Coating Gloss

UV high-gloss coating for finishing of printed products. Tactile coating with low viscosity For Flexo unit

#### ACTEGA Schmid Rhyner AG

Soodring 29, 8134 Adliswil, CH

+41 44 712 64 00

info.ACTEGA.SchmidRhyner@altana.com

www.actega.com

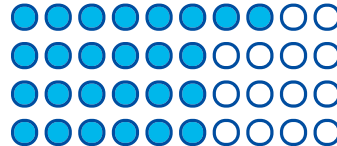
## Properties

Gloss

Flexibility

Slip Surface Smoothness

Reactivity



Product Characteristics			
Viscosity	• ~30 s sec (+/- 3s 23°C, DIN 4 mm cup)		
Solid Information			
Hot Foil Stamping	<input type="checkbox"/>	tds_label_glueAbilityUV	<input type="checkbox"/>
Anti Penetration	<input type="checkbox"/>		

## Storage Instructions

- Storage at temperatur between 5°C and 35°C
- Shelf-life 12 months
- Protect from frost, heat and sun exposure.

## Cleaning Instructions

- Ethanol
- Ethyl acetate

## Regulatory Compliance

- Disclaimer: For regulatory compliances please reach out to your responsible ACTEGA contact person.
- P: +41 (0) 44 712 64 00;

## Disclaimer

The characteristics contained herein constitute binding product specifications which we warrant provided the conditions and testing methods mentioned therein are used. Any other subjective or objective requirements concerning the products are excluded. Any information herein about suitability, use or application of the products is non-binding and does not constitute a commitment regarding the products' properties, use or application. We recommend that you test our products in preliminary trials to determine their suitability for your intended purpose prior to use. No warranties of merchantability or fitness for a particular purpose are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties.