

Technical Datasheet

23.09.2021

TERRAGLOSS UV Special Varnish G 8/367 NVK-090

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Product description

UV special coating with a low tendency to yellowing for outdoor applications. The product provides a low structure, is glossy and free of benzophenone.

Properties



Runability	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ □
Reactivity	■ ■ ■ ■ □ □ □ □ □ □
Gloss	■ ■ ■ ■ ■ ■ ■ ■ ■ □ □
Scuff resistance	■ ■ ■ ■ ■ ■ ■ ■ □ □
Surface smoothness	■ ■ ■ ■ ■ ■ ■ ■ □ □
Hot foil stamping	no
Glueability	no

Material characteristics

- Viscosity: 90 sec. (20°C, DIN 4 mm cup)

Special properties

- Very good flow out
- Free of benzophenone

Application (End Uses)

- Pressure sensitive (Other non-food, Industrial, Household, Personal Care)
- Sachets, pouches & bags (Sac packaging)

Processes

- Narrow Web
- Coating unit (chambered doctor blade or roller system)
- Flexo printing, reel-to-reel

Substrate

- PVC, PP, PE, PET foils etc.
- Coated paper

Legislation assessment

- The direct contact to foodstuff is not admitted. Using an absolute barrier the indirect contact is admitted. For information about the food legislation assessment of this product (e. g. demands on the Nestlé "Guidance Note on Packaging Inks" and the Swiss Ordinance (SR 817.023.21 - ordinance of the Swiss Confederation on materials & articles in contact with food)) we ask you to contact our department for quality, environment and product safety. T: +49 (0) 5132 5009-140 mail to: QUM.ACTEGA.Terra@altana.com

Processing recommendations

- On account of a number of substrate, a pretest, especially with regard to the adhesion, should be done.
- Stir well before use!
Mechanical stirring is recommended.
- Recommended film weight: 3 – 6 g/m²/wet
- 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.
- Glue flaps should be uncoated.
- A strong absorption on absorbent

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surfaces can cause an insufficient curing of the UV varnish, sensory problems, mechanical influence as well as rub resistance problems and poor slip properties.

Cleaning instructions

- Please clean machine and tools immediately with alcohol. Dried film clean up with TERRAGLOSS CLEAN Cleaning Agent G 13/160.
- Tubes should be free of water, varnish and cleaning agent, otherwise the UV varnish can thicken.

Storage instructions

- Shelf-life 12 months
- Applies to closed original containers at 5°C up to 30°C.
- A change of viscosity is possible in case of an incorrect or longer storage.
- Place under the exclusion of light.
- Keep from freezing, heat and solar radiation.
- Do not pollute the varnish with washing water, cleaning agent or other varnishes/adhesives.

Disclaimer

- All information provided on this product (in this sheet or elsewhere) are made to the best of our knowledge.
- This data sheet does not claim to be complete.
- All information are technical quality descriptions, advisory and due to the wide range of materials, production conditions, operations and processes they do

not release from own tests and examinations under customer-specific circumstances.

- If an application is intended to be made under different conditions than those specified in this sheet, we only assume liability after having examined the respective different conditions.
- We reserve the right to change product characteristics due to technical progress, amendment of applicable law and mandatory production-related needs.