

Berucoat AK 978

Part-No. 9100039

Air-drying anti-friction coating



Product description

Berucoat AK 978 is a water-based bonded coating to prevent noise caused by vibrations and stick-slip in the interior of motor vehicles. After drying, Berucoat AK 978 forms a transparent, elastic film that is visible under UV light.

Examples of application

- Minimization of noise, which are generated by oscillations and vibrations, mainly in the interior region in connection with the materials plastic, leather and textile
- In the area of door trims and sun roofs
- Automotive and supplier industry

Properties

- Prevents stick-slip and noises
- Water based
- Excellent plastic compatibility
- Transparent, invisible Film
- Formaldehyde free
- Contains UV-indicator, dry layers visible under UV-lamp

Approvals

- GMW16531-Type 4

Characteristic data

Type	Unit	Value	Standard
Varnish optics		grey-white	AA_003-22
Working temperature range	°C	-40 – 80	
Working temperature range	°F	-40 – 176	
Efflux time at 20 °C	s	60 – 100	AA_003-121 acc. to DIN ISO 2431/3
Density at 20 °C	g/cm ³	1 – 1,05	AA_003-9 acc. to DIN 51757
Solid content	%	25 – 29	AA_003-120
Binders		organic	
Solvent		Water	
Solid lubricants		Combination of light colored solids	



BECHEM
LUBRICATION
TECHNOLOGY

Berucoat AK 978

Part-No. 9100039

Air-drying anti-friction coating

Instructions for use

Please read the safety data sheet prior to use to learn about precautions and safety instructions. Always comply with the applicable safety provisions and the intended use. You can request a copy of the current safety data sheet using the contact form on our website www.bechem.de/kontakt or by e-mail to bechem@bechem.de.

Instructions for application

- Components to be coated should be free from dust and grease
- Coating must be stirred well before use

- Application by spraying, dip centrifuging or tumbling
- Drying time in air: approx. 30 minutes
- Drying time accelerated at 40 °C: approx. 3 minutes
- Spraying conditions e.g.: 0,8 mm nozzle, 2 bar spray pressure 30 cm spraying distance to component surface
- Optimal thickness of coating: approx. 10 – 15 µm
- Recommended diluting agent: water
- Kinematic viscosity at 20 °C, nozzle 4 mm 14 – 16 s (DIN 53211*)

* Standard withdrawn

Shelf life

- At least 18 months from date of production when stored at ambient temperatures (approx. 20 °C) in the original sealed container

Important notes

The information and technical data contained in this data sheet concerning the fields of application and processing for the product listed above are based on our knowledge and experience at the time of printing. Unless otherwise stated, this information is provided solely for reference and does not constitute a specification or warranty of quality in a particular instance. Many factors such as the relevant fields of application and the operating and working conditions are beyond the control of BECHEM. **For this reason, we cannot guarantee the suitability of our products for a specific purpose or application on the part of the customer. The delivery of our products and our liability are subject exclusively to our general sales and delivery conditions. These are available online at www.bechem.de/agb.html.**

Information regarding material compatibility is based on extensive laboratory testing and literature references. Due to the large number of plastics used and their raw materials as well as the complex chemical and morphological polymer structure, the indications regarding compatibility are solely a reflection of general trends. In order to ensure that the product is used correctly for individual orders and particularly for serial production, we recommend that the supplier carries out its own trials and application tests in advance and confirms the compatibility of the product or carries out thorough laboratory tests.

Please refer to the current safety data sheet for information regarding: Hazardous material labelling, safety provisions, and

regulations on storage and transport, and take any necessary precautions to protect property and persons.

Because BECHEM products are subject to continuous development, CARL BECHEM GMBH and its associated companies reserve the right to make changes to the technical data in this data sheet at any time.

Visible variations in the product color of each batch as well as changes in the color of delivered products are technically possible and even probable for some products (for instance, due to the influence of temperature on raw materials). These processes are normal and confirmed by BECHEM raw material suppliers. They have no impact on the serviceability, service life, and quality of the products.

BECHEM and BECHEM Rhusblüte are registered trademarks of CARL BECHEM GMBH. Logos, pictograms, and illustrations depicted in this data sheet are subject to copyright protection and may not be reproduced, modified, or disseminated without the express permission of BECHEM.

For further information and more detailed product data, please contact us at: info@bechem.com or bechem@bechem.de.

Berucoat AK 978

Part-No. 9100039

Air-drying anti-friction coating



Noise damping



UV tracer



Compatible with plastics



Automotive industry