



LIOPUR PFL 4918

Aqueous, aliphatic polyurethane dispersion based on a polyether

FIELDS OF APPLICATION

After air-drying, film coatings based on **LIOPUR PFL 4918** form transparent and flexible films without the need of cosolvents, which are tackfree.

Films based on **LIOPUR PFL 4918** are distinguished by high elasticity and flexibility.

Due to its low minimum film forming temperature **LIOPUR PFL 4918** can be combined with hard acrylic emulsions (MFFT>40°C) in order to improve chemical resistance

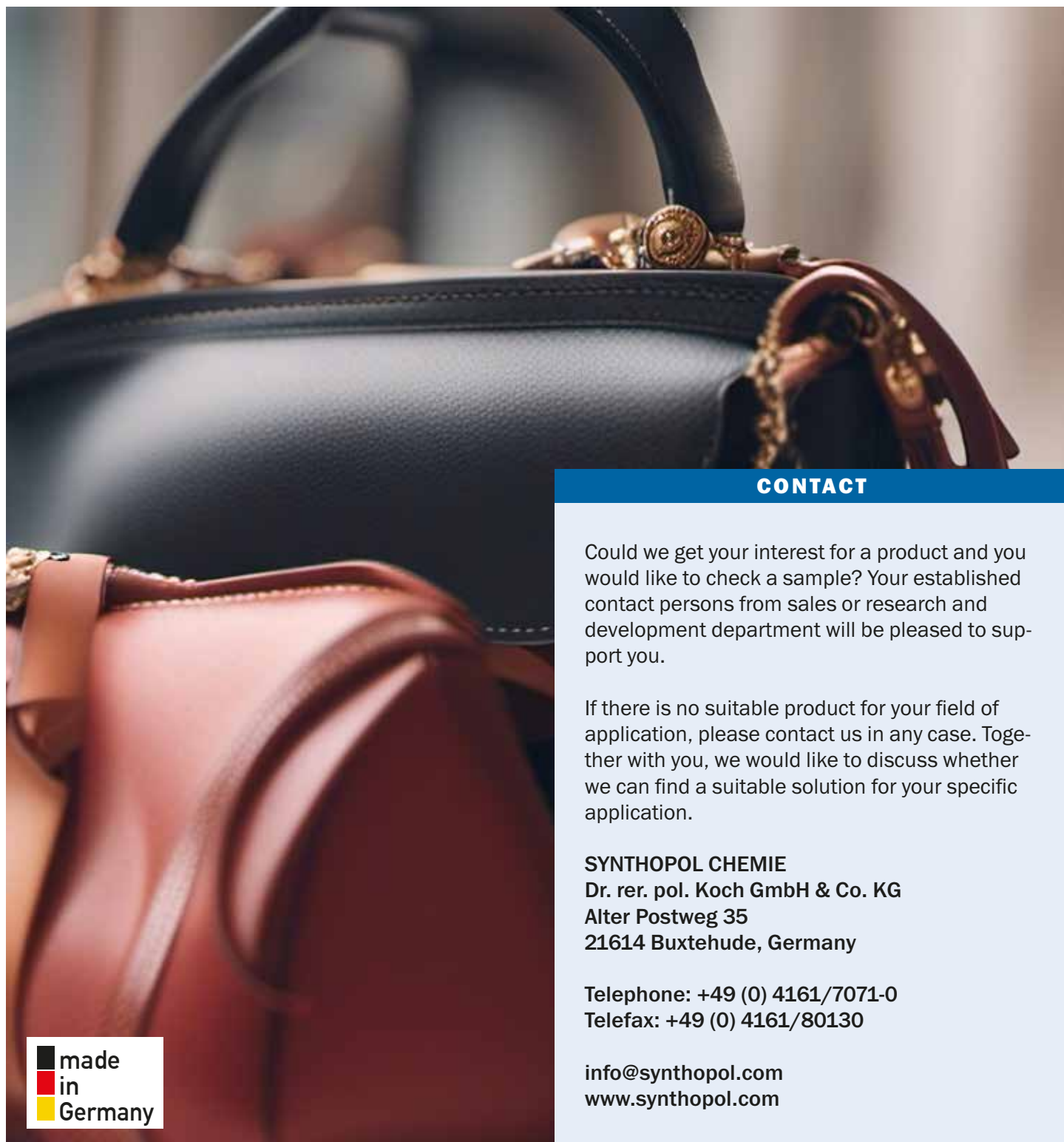


HIGHLIGHTS

- **Very high proportion of renewable raw materials at 70% (based on polymer)**
- **Use in 1K and 2K soft-feeling coatings with a velvety soft surface**
- **Good scratch resistance for a relatively soft binder with high flexibility**
- **Good compatibility with a wide range of dispersions, particularly suitable for mixing with acrylic dispersions with high MFFT to reduce the VOC content of the coatings**

PROPERTIES AND TECHNICAL DATA

Supplied form	45% in water
Appearance	colloidal to milky
Non-volatile content	44.0% – 46.0%
pH value	7.0 – 9.0
Viscosity (23°C)	10 – 500 mPas
Minimum film forming temperature	< 5°C


CONTACT

Could we get your interest for a product and you would like to check a sample? Your established contact persons from sales or research and development department will be pleased to support you.

If there is no suitable product for your field of application, please contact us in any case. Together with you, we would like to discuss whether we can find a suitable solution for your specific application.

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