

## BYK-L 9540

Wetting and dispersing additive for solvent-borne polyurethane (PU) to stabilize carbon black pigments in highly polar liquids, especially in coated fabrics. Also increases the solubility of PU granules.

### Product data

#### Composition

Alkanolamine

#### Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C): 1.11 g/ml  
Active substance: 60 %  
Refractive index (20 °C): 1.470

#### Storage and transportation

Separation or turbidity may occur at temperatures below 0 °C. Warm to 20 °C and mix well.

### Applications

#### Leather finishes and coated fabrics

##### Special features and benefits

BYK-L 9540 stabilizes carbon black pigments in highly polar liquids such as dimethylformamide (DMF). It improves pigment wetting, reduces the dispersion time, and prevents reflocculation of the carbon black pigments, leading to improved color strength. The viscosity of the carbon black paste is reduced, therefore enabling higher pigment loading. Additionally, the additive accelerates the dissolving of PU granules.

##### Recommended use

The additive is used to stabilize carbon black pigments in PU-coated fabrics and to enhance the solubility of PU granules.

##### Recommended levels

10–15 % additive (as supplied) based on the pigment, to stabilize carbon black.  
0.1–0.2 % additive (as supplied) based on the PU granules, to increase their solubility.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

##### Incorporation and processing instructions

The additive is added to the liquid components of the formulation prior to the incorporation of carbon black pigments/PU granules.



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This issue replaces all previous versions.