

## Press Release

### BYK-3568 brings greater individuality to the automotive industry

- Significant reduction of surface tension in liquid coatings
- Increased surface energy in cured coatings
- Improved wetting
- Good leveling, greater surface slip



**Wesel, March 15, 2022** – Visually attractive, optimally protected, and outstanding to the touch – these are essential demands on automotive OEM coatings. And yet, in recent years, this performance profile has moved more and more towards individualization, such as with two-colored applications, for example. Long gone are the days when the only decision needed when buying a vehicle was between silver, black or white – individuality is now trumps.

But in other branches of industry too, ways and means are being sought to improve not only recoatability, but also the adhesion of stickers, printing inks or adhesives on the coating layer, especially where optimum surface slip is also required.

It is here that BYK has the ideal additive solution in the shape of its new silicone and polyether-modified acrylate [BYK-3568](#). The advantages are particularly evident in clearcoats and topcoats, for which **good recoatability** or **adhesion** of the next coating layer is necessary. And it improves the **substrate wetting** as a moderately active silicone does, while at the same time **increasing** not only the coating's **surface energy** but also its **surface slip** in a single step.

Classic silicone additives offer:

Anti-cratering properties	Surface slip	Surface energy	Wetting and adhesion
↑	↑	↓	↓

Silicone- and polyether-macromer-modified polyacrylates can do more:

Anti-cratering properties	Surface slip	Surface energy	Wetting and adhesion
↑	↑	↑	↑

For formulators of clearcoats and topcoats who, for decades, have been using silicone-based additives, the technology behind [BYK-3568](#) opens up entirely new opportunities in the fields of recoatability and adhesion, since it offers **several effects with only a single additive**.

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## Press Release

BYK is a leading global supplier of specialty chemicals. The company's innovative additives and differentiated solutions optimize product and material properties as well as production and application processes. Amongst other things, BYK additives improve scratch resistance and surface gloss, the mechanical strength or flow behavior of materials, and properties such as UV- and light stability or flame retardancy. In the field of quality assurance, BYK's measuring and testing instruments serve to effectively assess appearance and physical properties.

The company's customers include manufacturers of coatings and printing inks, plastics, adhesives and sealants, as well as cleaners, floor coatings, and lubricants. BYK additives are also successfully used in the construction chemistry, oil and gas, and foundry industries.

BYK has a global network of subsidiaries and operates production sites in Germany (Wesel, Kempen, Moosburg, Schkopau), the Netherlands (Deventer, Nijverdal), and the UK (Widnes), in the USA (Wallingford, Chester, Gonzales, Louisville, Earth City and Pompano Beach), and in China (Tongling).

The company is part of the ALTANA Group and employs a workforce of more than 2,400 people worldwide.

This press release is also available on the Internet at [www.byk.com/press](http://www.byk.com/press).

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