

BYK-1851 BYK-1852

New polymer defoamers replace well-known standard products in solvent-borne and solvent-free systems

Markets are changing dynamically, and this also affects the procurement side. As an important raw material for the well-known polymer defoamers BYK-051 N, BYK-052 N, and BYK-053 N is no longer available, BYK has developed replacement products that are almost identical. They are based on the same chemistry as their predecessors and are equivalent in terms of application, but no longer contain aromatic solvents. This results in marginal changes in the technical data.

Both new defoamers are silicone-free and have a strong and spontaneous effect, although BYK-1851 is the slightly more compatible additive. BYK-1852, on the other hand, is more efficient and can therefore be used at an even lower dosage. It is suitable for medium- to non-polar systems. BYK-1851 and BYK-1852 do not reduce the intercoat adhesion when recoating.

BYK-1851 and BYK-1852 replace well-known standard defoamers

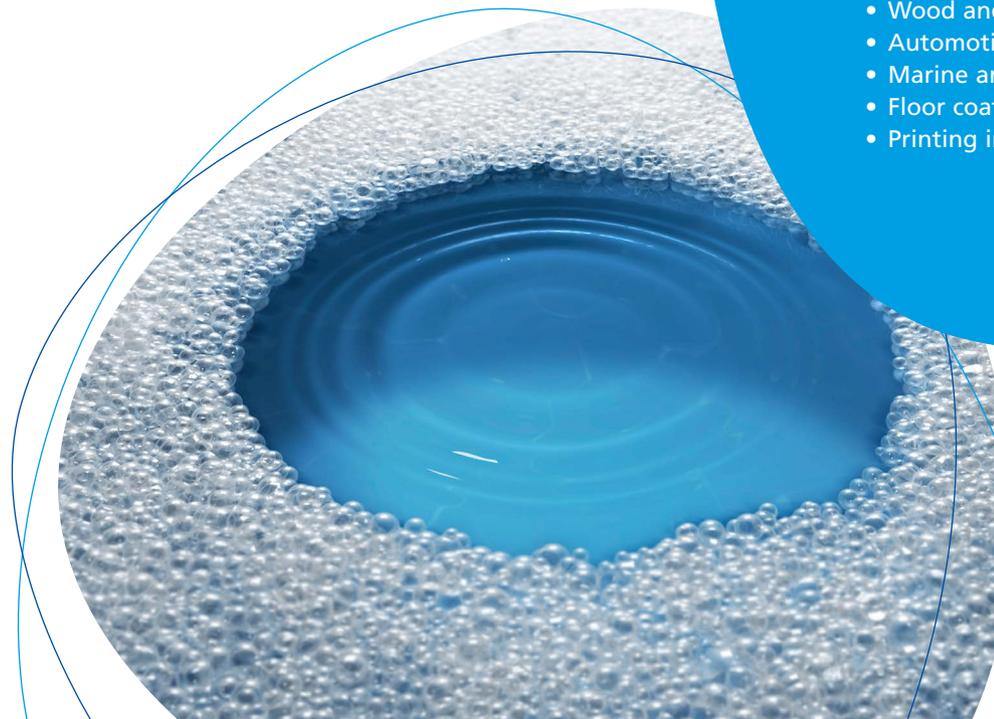
BYK-051 N	>	BYK-1851
BYK-052 N	>	BYK-1852
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Benefits

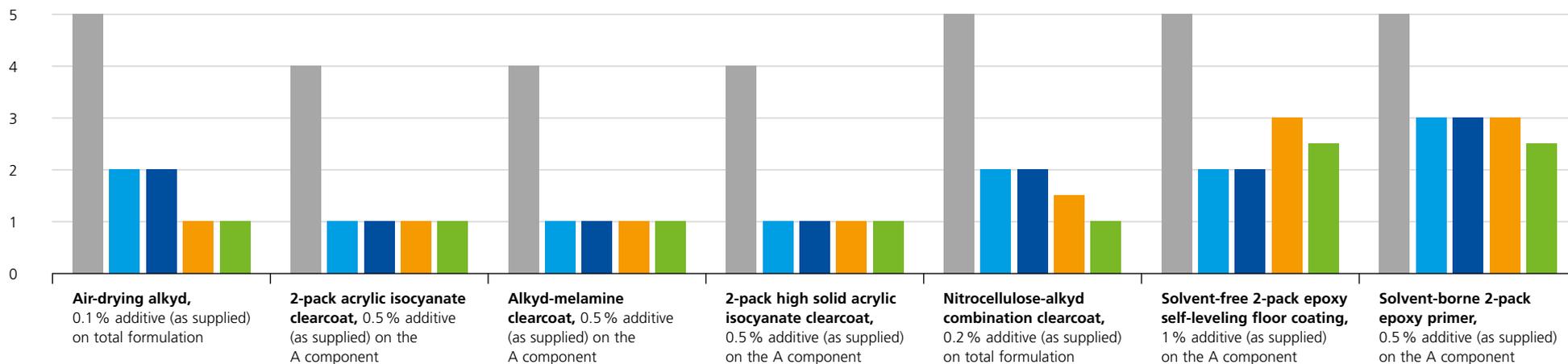
- Spontaneous and very efficient defoaming of a wide range of systems
- Silicone- and aromatic-free
- For good leveling and defect-free surfaces

Areas of application

- General industrial coatings
- Architectural coatings
- Wood and furniture coatings
- Automotive coatings
- Marine and protective coatings
- Floor coatings
- Printing inks and overprint varnishes



BYK-1851 and BYK-1852 – Almost identical effectiveness of replacement products in various solvent-borne coating systems



● Control ● BYK-051 N ● BYK-1851 ● BYK-052 N ● BYK-1852

Additive dosage: see above; evaluation: 1 = very good, 5 = unacceptable

Technical data

BYK-1851

- Solution of polyolefins
- Density (20 °C): 0.80 g/ml
- Non-volatile matter (10 min, 150 °C): 20 %
- Solvents: dearomatized hydrocarbons
- Flash point: 37 °C

BYK-1852

- Solution of polyolefins
- Density (20 °C): 0.77 g/ml
- Non-volatile matter (10 min, 150 °C): 20 %
- Solvents: dearomatized hydrocarbons
- Flash point: 42 °C



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