

efka® - 4046

High molecular weight polymeric dispersant for deflocculation of pigments

Composition: Modified polyurethane

Data:

Active ingredients	: 39 - 41%	
Solvents	: butylacetate/methoxypropylacetate/sec. butanol	
Density at 20 °C	: 0.98 - 1.00 g/cm ³	DIN 51757
Amine value	: 17 - 21 mg KOH/g	DIN 16945
Flashpoint	: 24 °C	ISO 3679
Colour	: max. 3	ISO 4630

Properties: EFKA-4046 is a polymeric dispersant for stabilizing inorganic and organic pigments. This results in:

- improved gloss
- reduced flooding problems
- higher colour strength
- lower viscosity

Application: EFKA-4046 is used for all kinds of solvent-based coatings as well as pigment concentrates. (see our concept for resin minimal pigment concentrates based on EFKA polymeric dispersants)

Addition: Calculation method for the required amount of active ingredient on pigment:

Inorganic pigments	: 10% of oil absorption value
Organic pigments	: 25 - 50% of BET- value
Carbon blacks	: 20% of DBP absorption value

Incorporation: EFKA-4046 should be incorporated in the mill base before adding the pigments.

Storage: EFKA-4046 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container.

Packaging: 25 kg and 190 kg non-returnable containers
