

efka® - 4570

Polymeric dispersant for water- and solvent-based coatings, including universal pigment concentrates.

Composition: Modified polyacrylate

Data:

Active ingredients	:	59 - 61%	
Solvents	:	Tripropylene glycol methyl ether (TPM)	
Density at 20 °C	:	1.01 - 1.03 g/cm ³	DIN 51757
Amine value	:	40 - 44 mg KOH/g	DIN 16945
Colour	:	max. 8	ISO 4630

Properties: EFKA-4570 stabilises the pigment dispersion of inorganic, organic and carbon black pigments and improves the following properties:

- gloss
- colour strength
- flocculation stability
- anti-flooding behaviour
- colour development in water- and solvent based systems

EFKA-4570 has a broad compatibility in water-based as well as in solvent-based coatings and can be used in a wide range of pH values in aqueous applications.

Application: EFKA-4570 can be used as a dispersant for Resin Free Pigment Concentrates (RFPC) and/or Resin Minimal Pigment Concentrates (RMPC) in both water or solvents. These universal concentrates can be used for water- or solvent-based applications.

Addition: Calculation method to give the required amount of active ingredients 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-4570 should be incorporated in the mill base before adding the pigments.

Storage: EFKA-4570 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 200 kg non-returnable containers
