

efka® - 4530

High molecular weight polymeric dispersant for deflocculation of pigments in solvent and aqueous coatings

Composition: Modified polyacrylate

Data:

Active ingredients	: 49 - 51%	
Solvent	: methoxypropanol	
Density at 20 °C	: 0.98 - 1.00 g/cm ³	DIN 51757
Acid value	: 32 - 38 mg KOH/g	DIN 53402
Amine value	: 24 - 28 mg KOH/g	DIN 16945
Flashpoint	: 32 °C	ISO 3679
Colour	: max. 4	ISO 4630

Properties: EFKA-4530 stabilizes the pigment dispersion of difficult inorganic and organic pigments and improves the following properties:

- gloss
- colour strength
- flocculation stability
- anti-flooding behaviour

EFKA-4530 is a film-forming polymer with excellent water resistance and wide-spread compatibility in both solvent- and water-based systems. Before adding to the mill base EFKA-4530 should be neutralized up to PH of 8.5 - 9.0. Complete water-solubility will be obtained by e.g. addition of 8.5% AMP 90.

Application: EFKA-4530 is recommended for use in all kinds of solvent- and water-based coatings, as well as in resin minimal pigment concentrates for both solvent-based and water-based coatings.

Addition: Calculation method for 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-4530 should be incorporated in the mill base before adding the pigments.

Storage: EFKA-4530 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 180 kg non-returnable containers
