

efka® - 4403

High molecular weight polymeric dispersant for deflocculation of pigments

Composition: Modified polyacrylate

Data:

Active ingredients	: 54 - 56%	
Solvents	: butylacetate/xylene/sec. butanol	
Density at 20 °C	: 0.95 - 0.97 g/cm ³	DIN 51757
Amine value	: 32 - 38 mg KOH/g	DIN 16945
Flashpoint	: 24 °C	ISO 3679
Colour	: max. 5	ISO 4630

Properties: Pigment concentrates based on EFKA-4403 with alkyd resins give the following advantages:

- wide compatibility range from NC-systems to long oil alkyd systems
- easy incorporation in the let-down stage
- strong resistance to binder and solvent shock
- long-term deflocculation stability
- high colour strength
- no flooding problems in the finished paint

Application: EFKA-4403 has been tailor-made for the production of solvent-based pigment concentrates, where the dispersing resin is alkyd based.

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-4403 should be incorporated in the mill base before adding the pigments.

Storage: EFKA-4403 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
