

efka® - 4400

High molecular weight polymeric dispersant for deflocculation of pigments

Composition: Modified polyacrylate

Data:

Active ingredients	: 39 - 41%	
Solvents	: butylacetate/sec. butanol	
Density at 20 °C	: 0.95 - 0.97 g/cm ³	DIN 51757
Amine value	: 40 - 44 mg KOH/g	DIN 16945
Flashpoint	: 24 °C	ISO 3679
Colour	: max. 4	ISO 4630

Properties: EFKA-4400 is a polymeric dispersant for stabilizing inorganic and organic pigments. This results in:

- improved gloss and DOI
- reduced flooding problems
- higher colour strength

EFKA-4400 is an acrylic polymer with significant higher molecular weight compared with the EFKA polyurethane based polymeric dispersants. This gives better deflocculation of organic pigments.

Application: EFKA-4400 is mainly used in automotive OEM and refinish topcoats.

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-4400 should be incorporated in the mill base before adding the pigments.

Storage: EFKA-4400 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
