

efka® - 4550

High molecular weight, pH-independent polymeric dispersant for deflocculation of pigments in aqueous coatings and pigment concentrates

Composition: Modified polyacrylate

Data:

Active ingredients	:	48 - 52%	
Solvents	:	water	
Density at 20 °C	:	1.04 - 1.08 g/cm ³	DIN 51757
Amine value	:	24 - 30 mg KOH/g	DIN 16945
Colour	:	max. 6	ISO 4630

Properties: EFKA-4550 stabilizes the pigment dispersion of inorganic and organic pigments and improves the following properties:

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

EFKA-4550 is pH-independent and has a wide-spread compatibility in most commonly used water-based coatings. EFKA-4550 is completely water-soluble and does not need to be neutralized.

Application: EFKA-4550 can be used exclusively as a dispersing agent or to produce Resin Free Pigment Concentrates considered suitable for VOC-free 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-4550 should be incorporated in the mill base before adding the pigments.

Storage: EFKA-4550 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
