

efka® - 4050

High molecular weight polymeric dispersant for deflocculation of pigments

Composition: Modified polyurethane

Data:

Active ingredients	: 44 - 46%	
Solvents	: butylacetate/methoxypropylacetate	
Density at 20 °C	: 0.98 - 1.02 g/cm ³	DIN 51757
Amine value	: 10 - 17 mg KOH/g	DIN 16945
Flashpoint	: 24 °C	ISO 3679
Colour	: max. 10	ISO 4630

Properties: EFKA-4050 is a polymeric dispersant for stabilizing inorganic and organic pigments. This results in:

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

Application: EFKA-4050 is used in all kinds of solvent-based coatings, including high quality industrial coatings such as: automotive topcoats (OEM and refinish), coil coatings and 2-pack polyurethane coating systems. EFKA-4050 can also be used in pigment concentrates.

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-4050 should be incorporated in the mill base before adding the pigments.

Storage: EFKA-4050 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
