

efka® - 4800

High molecular weight polymeric dispersant for deflocculation of pigments in UV-curing systems

Composition: Modified polyacrylate in a reactive diluent

Data:

Active ingredients	: 39 - 41%	
Reactive diluent	: triethyleneglycol divinylether	
Density at 20 °C	: 1.01 - 1.03 g/cm ³	DIN 51757
Amine value	: 37 - 43 mg KOH/g	DIN 16945
Flashpoint	: > 101 °C	ISO 3679
Colour	: max. 8	ISO 4630

Properties: EFKA-4800 is a polymeric dispersant for stabilizing inorganic and organic pigments. This results in:

- improved gloss
- reduced flooding problems
- higher colour strength
- better colour stability

Application: EFKA-4800 is mainly used in UV-curing systems.

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-4800 should be incorporated in the mill base before adding the pigments.

Storage: EFKA-4800 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 2 years from the date of manufacture. The expiry date is indicated on the container.

Packaging: 25 kg and 200 kg non-returnable containers
