MÜNZING
CREATING ADDITIVE VALUE

EDAPLAN® 494

TECHNICAL INFORMATION

Wetting agent and dispersant for aqueous coatings and pigment concentrates

Composition: Solution of a high molecular weight copolymer with pigment affine groups in water, anionic

Appearance: liquid
Colour: yellowish brown, clear

Typical Properties:

Active ingredients:	approx. 50 %
Consistency:	medium viscosity
Density at 20°C:	approx. 1.09 g/cm³
Flash point:	> 100 °C
pH (2% in dist. water):	approx. 8.5

This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product. For specifications please consult the Certificate of Analysis.

Properties/applications: EDAPLAN 494 is a VOC-free wetting agent and dispersant for inorganic and transparent pigments, e.g. iron oxides and titanium dioxides, as well as for organic pigments in aqueous media. It is ideal for the manufacture of flood/float-free aqueous coatings systems (air dry and force dry, 2K systems) as well as for the manufacture of aqueous resin-free pigment concentrates. EDAPLAN 494 stabilizes pigment dispersions and reduces the mill-base viscosity.

Recommended levels/use: Ladder studies are recommended to determine optimum concentration level. Normal dosage ranges from 10 - 50 % EDAPLAN 494 in delivery form calculated on pigment. For dosage recommendations of specific pigments and for determination of dispersant demand please consult our additional technical information and guide formulations.

Storage/handling: EDAPLAN 494 is not sensitive to freezing but for better handling it should be stored between 5 and 25 °C. The minimum shelf life in closed containers is 15 months from the date of manufacture.

Packaging: Totes holding 1000 kg net, drums holding 150 kg net and kegs holding 25 kg net.

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