efka® - 5055

Electroneutral wetting and dispersing additive to prevent sedimentation and flooding of pigments

Composition:	High molecular weight carboxylic salts of polyamine amides			
Data:	Active ingredients	:	50 - 54%	
	Solvents	:	methoxypropanol/alkylbenzene	
	Density at 20 °C	:	0.92 - 0.94 g/cm^3	DIN 51757
	Acid value	:	43 - 49 mg KOH/g	DIN 53402
	Amine value	:	36 - 43 mg KOH/g	DIN 16945
	Colour	:	max. 13	ISO 4630
	EFKA-5055 has a tendency to become hazy at low temperatures but this process can be reversed by heating.			
Properties:	EFKA-5055 helps to prevent interfacial tension between the hydrophilic pigments/extenders and the binder, forming a lattice structure with the pigments at the same time. This means: • reduced dispersion time • stabilisation of the pigment dispersion • decreased pigment sedimentation • reduced tendency to sag during application on vertical surfaces • prevention of flooding			
Application:	EFKA-5055 is ideal for dispersing organophilic Bentonites, because it reduces dispersion time, improves the storage properties of the final paste and gives a thixotropic, easily processed paste-product. EFKA-5055 is especially suitable for non-polar to medium-polar binder systems, i.e. air-dried alkyd resins, chlorinated polymers, alkyd/amino resin combinations and epoxies. EFKA-5055 can cause discolouration in nitrocellulose varnishes.			
Addition:	0.5 - 2.0% based on inorganic pigments 30.0 - 50.0% based on the organophilic Bentonite			
Incorporation:	When used in mill-bases, add before grinding. In Bentonite dispersions use as follows: 85 - 87 parts of solvent 10 parts of Bentonite 5 - 3 parts of EFKA-5055 100 parts			
Storage:	EFKA-5055 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			

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