

Efka® FA 4654

general

- effective low-molecular-weight dispersing agent
- ideal for dispersing organophilic bentonites
- reduced sedimentation tendency
- reduced dispersing time
- prevention of flooding

chemical nature

blend of modified fatty acids and mineral oil

Properties

physical form

transparent, slightly brownish liquid

storage

Efka® FA 4654 should be stored in tightly closed containers and in a cool place.

typical properties

solvent	alkylbenzene
density at 20 C (68 °F)	~ 0.89 g/cm ³
solid content	~ 52 %
acid value	~ 53 mg KOH/g
amine value	~ 51 mg KOH/g

Application

Efka® FA 4654 is ideal for dispersing organophilic bentonites because it reduces dispersion time, improves storage properties of the final paste and gives a thixotropic, easy-to-process paste.

Efka® FA 4654 is especially suitable for non- to medium-polar binder systems, i.e., air-drying alkyd resins, alkyd/amino resin combinations, chlorinated polymers and epoxies.

Efka® FA 4654 can cause discoloration in nitrocellulose varnishes.

recommended concentrations

inorganic pigments	0.5 – 2.0 % on pigment weight
organophilic bentonite	30.0 – 50.0 % on bentonite weight

If used in mill bases, add before grinding. Use as follows in bentonite dispersions:

85 – 87 %	solvent
10 %	bentonite
5 – 3 %	Efka® FA 4654

Contacts worldwide

Asia

BASF East Asia Regional Headquarters Ltd
45/F, Jardine House
No. 1 Connaught Place
Central Hong Kong
China
formulation-additives-asia@basf.com

North America

BASF Corporation
11501 Steele Creek Road
Charlotte, NC 28273
USA
formulation-additives-nafta@basf.com

Europe

BASF SE
Formulation Additives
67056 Ludwigshafen
Germany
formulation-additives-europe@basf.com

South America

BASF S.A
Rochaverá - Crystal Tower
Av. das Nações Unidas, 14.171
Morumbi - São Paulo-SP
Brazil
formulation-additives-south-america@basf.com

Validity

This Technical Data Sheet is valid for all versions of the Efka FA 4654:
Efka FA 4654, Efka FA 4654 EM.

Safety

When handling these products, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

® = registered trademark, ™ = trademark of BASF Group, unless otherwise noted

www.basf.com/formulation-additives