

# Efka<sup>®</sup> RM 1920

**Product description** Rheology modifier for solvent-based systems

**Key benefits**

- Small particle size, solid thickener to impart thixotropic rheology to solvent-based paints and coatings
- Effective prevention of sagging of thick films while still maintaining good flow properties
- Substantial reduction of pigment settling

**Chemical nature** Hydrogenated castor oil

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## Properties

**Physical form** Fine, white powder

<b>Technical data</b> (not supply specification)	Hydroxyl value	DIN 53 240	~ 160 mg KOH/g
	Solid content		~ 99 %
	Particle size distribution		~ 5 - 9 µm (99 % ≤ 32 µm, 100 % ≤ 44 µm)

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## Application

Efka<sup>®</sup> RM 1920 can be used in most non-aqueous coatings both with and without solvents. The lower the polarity of the coating, the better is its performance.

The main fields of application are primers, fillers and top coats based on chlorinated rubber, alkyd resins, epoxy resins, unsaturated polyester, acrylates, polyurethane, epoxy esters, PVC and PVC copolymers, polyethylene chloride or bitumen.

Its use in zinc rich primers is also recommended to prevent the zinc from settling and to ensure good brushability.

## Formulation guideline

Optimum results are obtained if the following processing instructions are followed for Efka® RM 1920:

Formation of a "pre-gel": 10 - 20 % Efka® RM 1920 processed in a solvent (e.g. xylene, toluene, other higher aromatic solvents, tetralin, white spirit, butyl acetate, ethyl glycol acetate) or plasticizer with or without addition of binders. The pre-gel may be prepared in e.g. a dissolver. In zinc rich primers the thixotropic agent can be added in powder form since the shear forces during grinding are high enough to ensure good dispersion.

Add the pre-gel to the mill base before grinding of pigments. Keep the grind temperature between 30 °C (min.) and 55 °C (max.) in aliphatic and 40 °C (max.) in aromatic systems.

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## Storage

Efka® RM 1920 should be stored in a cool, dry place.

### Contacts worldwide

Asia  
BASF East Asia Regional Headquarters Limited  
36/F, Two Taikoo Place,  
Taikoo Place,  
979 King's Road,  
Quarry Bay, Hong Kong  
[formulation-additives-asia@basf.com](mailto:formulation-additives-asia@basf.com)

Europe  
BASF SE  
Formulation Additives  
67056 Ludwigshafen  
Germany  
[formulation-additives-europe@basf.com](mailto:formulation-additives-europe@basf.com)

North America  
BASF Corporation  
11501 Steele Creek Road  
Charlotte, NC 28273  
USA  
[formulation-additives-nafta@basf.com](mailto:formulation-additives-nafta@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](mailto:formulation-additives-south-america@basf.com)

### Validity

This Technical Data Sheet is valid for all versions of the Efka® RM 1920.

### Safety

When handling this product, 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.

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