

Dispex[®] AA 4144 EB

(The technical information below also applies to Dispex AA 4144)

Product description Dispersing agent

Key benefits

- Superior gloss retention
- Suited for water-borne coating systems
- Exceptional compatibility with reactive pigments and solvents

Chemical nature Anionic electrolytes

Properties

Physical form Colorless to pale yellow liquid

Technical data

(not supply specification)

pH value	7.5 – 9.0
Viscosity at 25 °C (Brookfield 20 rpm)	75.0 – 150 mPa.s
Density at 20 °C	~ 1.22 g/m ³
Solid content	34.0 – 36.0 %

Application

Dispex® AA 4144 EB even at low dosages is a highly effective dispersing aid. As a sole dispersant, it does not require any auxiliary dispersant, wetting agent or polyphosphates.

Dispex® AA 4144 EB demonstrates excellent initial gloss retention and superior gloss retention after heat again. It shows exceptional compatibility with reactive pigments such as zinc oxide and with solvents like ethylene and propylene glycol. This permits the use in glycol based grinds or in pigment slurries. Tests have not shown any remarkable rise in viscosity even after ageing at 50 °C for one month.

Formulation guideline Recommended dosage is 0.2 - 1% solids, calculated on pigments.

Storage Dispex® AA 4144 EB is supplied in 180 kg steel drums and should ideally be stored at temperatures between 20 and 30 °C. If the product is subjected to temperatures below freezing point, do not apply direct heat but allow warming to room temperature and mixing thoroughly before use.

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Validity

This Technical Data Sheet is valid for all versions of the Dispex® AA 4144 EB.

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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