

Formulation Additives

Technical Data Sheet

Dispex[®] AA 4146

(old Polysal[®] BA)



general

dispersing agent for decorative water-borne coatings.

Dispex[®] AA 4146 is a high efficient dispersing agent especially suited for the dispersion of inorganic pigments.

chemical nature

solution of sodium salt of carboxylic acid polymer in water.

Properties

physical form

transparent liquid.

storage

the product must be stored in tightly closed containers and protected against freezing. Dispex[®] AA 4146 is durable for at least 1 year.

subject to appropriate storage and temperature conditions, Dispex[®] AA 4146 is durable for at least 6 months.

typical properties (no supply specification)

pH	7,5 - 8,5 %
viscosity (Brookfield RVT, 23°C, 2/100)	100 – 400 mPa.s
solids content	45,0 % ± 1,0
density	~ 1,30 g/cm ³
resistance to cold	min. -18°C

Application

recommended dosages of Dispex® AA 4146 depends on the solids to be dispersed. In general, the dosage stay between 0.1 – 0,3 %, calculated on the total formulation, combining with a surfactant to assist the pigment wetting and decrease the grinding time.

for better performance of the dispersing agent during the grinding process, it is recommended to adjust the pH at 9.

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

Nota

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

BASF SA
Formulation Additives
Estrado do Rio Abaixo, Rod Pres Dutra, s/n,
KM161
12335-010- Jacareí- SP
www.basf.com
formulation-additives-south-america@basf.com