

Dispex[®] AA 4144

Product description Dispersing agent

Key benefits

- Exceptional viscosity suppression with inorganic pigments and fillers in mid to high PVC paints and coatings
- Benchmark tint strength and color acceptance
- Exceptional compatibility with reactive pigments, co-solvents, binders and rheology modifiers
- Stable pigment dispersion viscosity over time

Chemical nature Anionic sodium polyacrylate

Properties

Physical form Slightly hazy colorless to pale yellow liquid

Technical data

(not supply specification)

pH at 25°C	~8
Viscosity at 25°C, Brookfield 30 rpm	~150 cps
Density at 20°C	~1.2 g/m ³
Solids Content	~35

Application

Dispex AA 4144 is a highly effective dispersant for TiO₂, ZnO and extender pigments even when used at low dosages. Dispex AA 4144 demonstrates exceptional pigment grind viscosity suppression, high tint strength and color acceptance. It also provides stable KU and ICI viscosity after heat aging in architectural paints.

Formulation guideline Recommended dosage is 0.2 – 1% dispersant solids on pigment loading

Storage

Dispex AA 4144 should be stored at temperatures between 20 and 30 °C. If the product is subjected to temperatures below freezing, do not apply direct heat but allow warming to room temperature and mix thoroughly before use.

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Validity

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

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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