



## COADIS™ 144 A Dispersing Agent

Designed for excellent stability and compatibility, Coadis™ 144 A is an excellent choice for today's waterborne coating formulations. Coadis™ 144 A pigment dispersant is a universal, high performing hydrophilic copolymer which provides outstanding performance across a broad spectrum of waterborne exterior and interior coating formulations. Coadis™ 144 A is designed to enable maximized gloss potential, while consistently providing ideal viscosity, flow and wet adhesion across a robust range of sheens – ranging from flat to high gloss.

Specially designed for TiO<sub>2</sub> dispersion, Coadis™ 144 A shows synergistic effects with TiO<sub>2</sub> pigment slurries used in paint formulations dispersed with similar hydrophilic copolymer technology. Coadis™ 144 A provides formulation compatibility with associative rheology modifiers as it is compatible with both anionic HASE and non-ionic HEUR thickener technologies. Coadis™ 144 A imparts good color development to tint bases, good color acceptance and contributes to reduced foaming thus providing ease of handling & processing.

Coadis™ 144 A benefits:

- Easy handling & processing
- Robust compatibility with non-ionic HEUR and anionic HASE type rheology modifiers
- Broad formulating range
- High gloss development
- Excellent color acceptance
- Excellent heat-age and shelf stability

### • TYPICAL ANALYSIS

**Nature:** Polyacrylate Ammonium Salt

**Appearance (20°C):** Pale yellow aqueous solution

**Solids content (%):** 44

**pH (20°C):** 7.1

**Specific gravity (20°C):** 1.19

### • ADVANTAGES

**COADIS™ 144 A is:**

- 🔥 A low viscosity, universal dispersant
- 🔥 Versatile: can also be used across a broad range of paint profiles: flat to high gloss.

**COADIS™ 144 A provides:**

- 🔥 High gloss development
- 🔥 Excellent heat-age and shelf stability
- 🔥 Formulation robustness & latitude
- 🔥 Synergy with TiO<sub>2</sub> pigment slurries dispersed w/hydrophilic copolymer dispersants

### • APPLICATIONS

**Dispersion and stabilization of:**

- Pigments across a broad range of paint sheens: low sheen flats to high gloss enamels, interior & exterior waterborne applications

**Universal compatibility ensures:**

- Robust formulation latitude
- Very good stability of the viscosity after prolonged storage
- Synergistic performance with paints formulated with TiO<sub>2</sub> pigment slurries dispersed with similar hydrophilic copolymer dispersants.

The typical dosage should be selected in the range from 0.5 to 1.0% (active on total pigment formulation weight). It is important to determine the proper level for the finished paint application. If too low a level is incorporated, the dispersion may be incomplete leading to underperformance with regards to hiding, stability, and a grind that will not maximize gloss.

**COADIS™ 144 A** must be incorporated before the pigments and fillers addition.

**COADIS™ 144 A** can be used in combination with rheology modifiers within the Coatex line (**COAPUR™** and **RHEOTECH™**).

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## • STORAGE

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**COADIS™ 144 A** should be protected from the effects of weathering and stored between 5 and 40°C.

Once opened, packaging should be resealed immediately after use.

In these conditions, products should be used within 12 months after delivery.

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## • STANDARD PACKAGING

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- 220 l plastic drums
- 1 000 l containers

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## • HEALTH & ENVIRONMENTAL DATA

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Please refer to the Material Safety Data Sheet.

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Website: [www.coatex.com](http://www.coatex.com)

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