



## COADIS™ BR 85 Dispersing Agent

**COADIS™ BR 85** is an original solution for deflocculation and steric stabilization of Titanium Dioxide (TiO<sub>2</sub>) and of other fine high value pigments.

**COADIS™ BR 85** develops specific affinities for pigments and binders, bringing unique properties.

**COADIS™ BR 85** is derived from Coatex proprietary Bumper Technology™.

**COADIS™ BR 85** benefits:

- Reduce TiO<sub>2</sub> consumption through optimized dispersion
- Boost optical properties
- Improve in-can stability of Alkyd Emulsion Paints while keeping high fluidity

### • TYPICAL ANALYSIS

**Nature:** Polyethercarboxylate

**Appearance (20°C):** Colorless to yellow liquid

**Solids content (%):** 35

**pH (20°C):** 8

**Specific gravity (20°C):** 1.1

### • ADVANTAGES

**COADIS™ BR 85** is:

- 🔥 Compatible with all types of pigments and fillers (TiO<sub>2</sub>)
- 🔥 Versatile: can also be used in combination with COAPUR™ XS series for alkyd emulsion formulations
- 🔥 EnVia® Certified (United States)

**COADIS™ BR 85** provides:

- 🔥 Superior optical properties
- 🔥 In-can stability
- 🔥 Formulation latitude
- 🔥 Ability to reduce TiO<sub>2</sub>

### • APPLICATIONS

**Dispersion and stabilization** of:

- various TiO<sub>2</sub> grades for high gloss
- calcium carbonates of the finest grade in alkyd emulsion paints thanks to a **reduced ionic character**

**Easy deflocculation** ensures:

- Reduction of TiO<sub>2</sub> usage
- Very good stability of the viscosity after prolonged storage
- Contributes to enhance the gloss level thanks to its very good **compatibility with both pigments and alkyd emulsions**.

The typical dosage should be selected in the range from 0.2 to 0.5% (dry on total formulation weight).

**COADIS™ BR 85** must be incorporated before the pigments and fillers addition.

**COADIS™ BR 85** can be used alone or in combination with other dispersants within the Coatex line (**ECODIS™** and **COADIS™**).

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## • STORAGE

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**COADIS™ BR 85** 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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- 20 l pails (20 kg)
- 220 l drums (200 kg)
- 1000 l containers (1000 kg)
- Bulk deliveries

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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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