



## COADIS™ BR 85

### Dispersant for Alkyd Emulsion Systems

Combining the expertise of alkyd emulsion producers to the knowledge of waterborne systems, COATEX has designed **COADIS™ BR 85** a specific dispersant for alkyd emulsion systems.

Alkyd emulsion binders interact in a specific way with fillers, pigments and various hydrophobically modified additives. Their reactivity is generally stronger which results in higher viscosities, particularly at low shear rates, and a poorer storage stability.

#### • TYPICAL ANALYSIS

**Nature:** Polyether carboxylate

**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:

- 🔥 Specifically designed for alkyd emulsion formulations,
- 🔥 Versatile with all type of pigments and fillers.

**COADIS™ BR 85** provides:

- 🔥 Superior optical properties,
- 🔥 In-can stability.

#### • APPLICATIONS

**Dispersion and stabilization of:**

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

**Easiness of the deflocculation** ensures:

- a 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.

#### • STORAGE

**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.

#### • STANDARD PACKAGING

- 220 l plastic drums,
- 1 000 l containers.

#### • HEALTH & ENVIRONMENTAL DATA

Please refer to the Material Safety Data Sheet.

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