

## TECHNICAL DATA SHEET

# COADIS™ BR 40

Dispersing agent for gloss emulsion paints

## Ionic Copolymer dispersant

### TYPICAL CHARACTERISTICS

Nature	<b>Polycarboxylate in aqueous solution</b>
Appearance	<b>Blue-green aqueous solution</b>
Solid Content (%)	<b>40</b>
Active Content (%)	<b>40</b>
pH	<b>8</b>
Brookfield viscosity (mPa.s)	<b>&lt; 350</b>
Specific gravity	<b>1.22</b>
Neutralization type	<b>Potassium</b>
Solvent	<b>Water</b>

### DESCRIPTION

Gloss emulsion paints must have the following properties: - The highest initial gloss

- Excellent gloss retention
- Good flow and levelling
- Viscosity stability

The usual inorganic or organic dispersant do not allow to improve all these properties at the same time, either because they have a tendency to decrease the gloss level or because the levelling of the film is not sufficient.

### RECOMMENDED ADDITION LEVEL

To obtain a good deflocculation of the pigments and the best gloss level, the amount of it in the formulation should be around 0.15 to 0.20% active ingredients based on the total weight of pigment.

### STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- 220L Drum
- Bulk

### HANDLING & STORAGE

It 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, this product should be used within 12 months from delivery.

### HEALTH AND ENVIRONMENTAL DATA

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

### MARKETS

#### Composites & Advanced Materials

- Graphic Arts

#### Coatings & Inks

- Architectural Coating
- Industrial Coating
- Textile & Leather Coating

#### Chemical & Plastic Industry

- Chemical & Plastic Distribution

### KEY BENEFITS

#### FORMULATION

- Compatibility
- Easy handling
- Ready to use



#### STORAGE

- Floating resistance
- Viscosity stability
- Antisettling
- Syneresis resistance



#### FILM PROPERTIES

- Rub out
- Gloss
- Tint strength



#### SAFER SOLUTIONS

- APEO Free\*
- Heavy Metal Free\*
- Solvent Free\*

\* Not intentionally added but not specifically measured (not part of product specification)

### PVC

PVC Low  
PVC Mid  
PVC High



### SUITABLE FOR

Inorganic pigments  
Fillers  
Organic pigments



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