

## TECHNICAL DATA SHEET

# COADIS™ 173

Dispersing agent for water-borne systems

## Ionic Copolymer dispersant

### TYPICAL CHARACTERISTICS

Nature	<b>Polyacrylic acid</b>
Appearance	<b>Pale yellow aqueous solution</b>
Solid Content (%)	<b>30</b>
Active Content (%)	<b>30</b>
pH	<b>10</b>
Brookfield viscosity (mPa.s)	<b>&lt; 350</b>
Specific gravity	<b>1.21</b>
Neutralization type	<b>Sodium</b>
Solvent	<b>Water</b>

### DESCRIPTION

Coadis™ 173 is a versatile polyacid dispersing agent imparting an excellent performance across a wide range of waterborne paint formulations. It is designed for flat to semi-gloss paints, anticorrosion paints, caulks and sealants and other formulations showing high rates of mineral pigments and requiring a limited water absorption. Also suitable for oxide pigments and more specifically zinc oxides.

### RECOMMENDED ADDITION LEVEL

The typical dosage should be selected in the range from 0.5% to 1.0% (dry on total pigment weight).

### 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
- Traffic Paint

#### Adhesives & Sealants

- Assembly
- Other Adhesives
- Sealants

### KEY BENEFITS

#### FORMULATION

- Compatibility
- Easy handling
- Ready to use



#### STORAGE

- Antisettling
- Syneresis resistance
- Floating resistance
- Viscosity stability



#### FILM PROPERTIES

- Transparency
- Stain resistance
- Water resistance



#### 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

Fillers  
Inorganic pigments



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