

## TECHNICAL DATA SHEET

# COADIS™ 144 A

Dispersing agent especially designed for titanium dioxide

## Ionic Copolymer dispersant

### TYPICAL CHARACTERISTICS

Nature	<b>Polycarboxylate in aqueous solution, ammonium salt</b>
Appearance	<b>Pale yellow aqueous solution</b>
Solid Content (%)	<b>44</b>
Active Content (%)	<b>44</b>
pH	<b>7</b>
Specific gravity	<b>1.18</b>
Neutralization type	<b>Ammonium</b>
Solvent	<b>Water</b>

### DESCRIPTION

Coadis™ 144 A is a universal pigment dispersant which provides outstanding performance across a broad spectrum of waterborne exterior and interior coating formulations. It exhibits excellent stability and compatibility and is designed to enable maximized gloss potential while providing ideal viscosity, flow and wet adhesion from flat to high gloss systems.

### RECOMMENDED ADDITION LEVEL

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 will not maximize gloss.

### 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.

### PROCESSING INSTRUCTIONS

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™).

### MARKETS

#### Coatings & Inks

- Architectural Coating
- Graphic Arts
- Industrial Coating
- Textile & Leather Coating

### KEY BENEFITS

#### FORMULATION

- Compatibility
- Cost in use
- Easy handling



#### STORAGE

- Antisettling
- Floating resistance
- Viscosity stability
- Syneresis resistance



#### FILM PROPERTIES

- Hiding power/Opacity
- Gloss
- Rub out



#### 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



# COADIS™ 144 A

## 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.

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