

TECHNICAL DATA SHEET

RHEOSPERSE™ 144 A

Dispersing agent for titanium dioxide

TYPICAL CHARACTERISTICS

| | |
|------------------------------|--|
| Nature | Polyacrylate ammonium salts in aqueous solution |
| Appearance | Liquid |
| Solid Content (%) | 44 |
| pH | 7.1 |
| Brookfield viscosity (mPa.s) | 115 |
| Specific gravity | 1.18 |

DESCRIPTION

Designed for stability and compatibility, Rheosperse™ 144 A is an ideal choice for rutile titanium dioxide slurry producers. A robust solution designed with the specific behavior of TiO₂ slurries in mind, it can be used to produce stable slurries on a wide variety of titanium dioxide coming from chloride or sulphate manufacturing processes and different surface treatments. Rheosperse™ 144 A also provides synergistic effects and proven compatibilities with paint formulations dispersed with similar hydrophilic copolymer technology. It provides stable slurries and therefore contributes to reduce costs, supply chain confidence and improved flexibility of coating formulators.

RECOMMENDED ADDITION LEVEL

0.2 to 0.6 % d/d

STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC

HANDLING & STORAGE

The product 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

Mining & Metallurgy

- Minerals
 - Titanium Dioxide
 - Other Minerals

KEY BENEFITS

- Downstream market
 - Granulometry
 - Suspension stability
 - Type of use
- Coatings
Fine
< 6 months
Dispersion

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Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/global/en/products/product-safety/disclaimer/> which is incorporated herein by reference and made a part hereof.

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