

TECHNICAL DATA SHEET

RHEALIS™ SC

Dispersing agent for tunneling

Polyacrylate

TYPICAL CHARACTERISTICS

| | |
|------------------------------|--|
| Nature | Polycarboxylate in aqueous solution |
| Appearance | Slightly viscous liquid, clear to hazy, colourless to pale yellow |
| Solid Content (%) | 43 |
| pH | 8 |
| Brookfield viscosity (mPa.s) | 400 |
| Specific gravity | 1.31 |

DESCRIPTION

Rhealis™ SC is an anionic liquid dispersant especially used for TBM tunneling, which can produce a soft mud to allow the mutual sliding of the clumps, thus minimizing the risk of re-aggregation. A combination with a foaming agent is sometime used to limit the effect of clogging and adhesion and to lubricate the clay to minimize its stickiness. It is primarily used for deflocculation of drill solids and as a bentonite thinner. It can also be used as a filter cake enhancer.

RECOMMENDED ADDITION LEVEL

0.1 to 0.5%

STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC

HANDLING & STORAGE

The product is not frost sensitive. Once opened, packaging should be resealed immediately after use. It should be protected from the effects of weathering, stored between 5 and 40°C and protected from sun exposure. 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

Pulp & Paper

- Coating
 - Paper Coating

Building & Construction

- Construction Materials
 - Concrete

KEY BENEFITS

- | | |
|--------------------------|------------|
| • Functionality | Dispersant |
| • Foam control additives | No |
| • Typical use | Tunelling |

Headquarters: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80