MINERAL PROCESSING

RHEOSPERSE™ S 300

• TYPICAL ANALYSIS

Nature: Acrylic copolymer in aqueous dispersion

Appearance (20°C): White milky liquid

Solids content (%): 30

pH (20°C): 3

Specific gravity (20°C): 1.06

Viscosity (100 RPM at 25°C, Neut NH3): cps 500-2000

• ADVANTAGES

RHEOSPERSE™ S 300 is a highly pseudoplastic thickener providing high yield value and therefore is an effective viscosity builder for high solids content mineral suspensions. **RHEOSPERSE™ S 300** is a co-additive for aqueous mineral suspension that prevents sedimentation.

RHEOSPERSE™ S 300 is easy to handle.

• APPLICATIONS

RHEOSPERSE™ S 300 should be added slowly to the mineral suspension with good agitation.

Dilution of **RHEOSPERSE™ S 300** with water can facilitate incorporation in the formulation. Optimum viscosity build occurs at or above pH 8.

RHEOSPERSE™ S 300 can be used at a concentration between 0.5% to 1.5% (as it is on dry pigment).

RHEOSPERSE™ S 300 provides a very good stability to mineral suspensions like barium carbonate or manganese oxides suspensions and helps to avoid sedimentation for a long period of time. Three months stability at room temperature is worth considering while using **RHEOSPERSE™ S 300** as an anti-settling agent for mineral suspensions.

• STORAGE

RHEOSPERSE™ S 300 should be protected from the effects of weathering and stored between 5 and 40°C.

Once opened, packaging should be resealed immediately after use to prevent emulsion from air drying and forming a film.

In these conditions, products should be used within 6 months after delivery.

Storage tanks should be plastic, fibergalss or stainless.

Pumps for unloading and metering should be low-shear type, such as diaphragm or peristaltic type.

• STANDARD PACKAGING

- 1 000 l containers
- Bulk

• HEALTH & ENVIRONMENTAL DATA

Please refer to the Safety Data Sheet.

COATEX
ARKEMA GROUP