

TECHNICAL DATA SHEET: SHEPAGEL SF

GENERAL INFORMATION

SHEPAGEL SF is an organic bentonite, an improved thixotropic agent with:

- Self-activation
- High gelling efficiency
- Excellent thixotropy
- Easy dispersion
- High transparency

It is used for tetra alkyl quaternary ammonium salt clay with low, middle, and high polarity solvents.

PHYSICOCHEMICAL INDEXES

- **Appearance:** Grey powder
 - **Loss on ignition:** 36.5–39.5%
 - **Fineness (45 μm / 325 mesh):** $\geq 97\%$
 - **Moisture content:** 0.8–3.5%
 - **Density:** 1.7 g/cm³
 - **Viscosity:** ≥ 0.9 Pa·s
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APPLICATION AND PROPERTIES

- Common paint
 - Colored paint
 - Ink
 - Varnish paint
 - Industrial paint
 - Corrosion paint
 - Marine paint
 - Wood paint
 - Car primer paint
 - Sealant
 - Lubricating grease
 - Oil drilling
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FEATURES

- ☆ Easy dispersion
 - ☆ High transparency
 - ☆ Anti-sediment
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INCORPORATION

SHEPAGEL SF is an unconventional type of organoclay—easy-dispersing and self-activating.

- No chemical polar activator needed for proper delamination
- No need to pre-gel
- Can be added at any step in pigment or ink production

Usage:

Depends on the organic system type, viscosity, and other requirements.

Typical dosage: **0.2–3.0%** of the system (by weight)

PACKING AND SHELF LIFE

- Outer package: Brown paper bag
- Inner package: Polyethylene film bag
- Valve bag available
- Net weight: **25 ± 0.25 KG** (customizable)
- Storage: Dry place and proper temperature
- Shelf life: **36 months**

HEALTH AND SAFETY DATA

Please refer to the **Material Safety Data Sheet (MSDS)** before using this product for information on safe handling and storage.



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