



## TECHNICAL DATA SHEET

# Flexisil SPS

### Technical Overview

Flexisil SPS is an alkaline, aqueous nanoparticle dispersion of amorphous colloidal silica. The dispersion is an alumina-modified, highly structured, and high surface area product. These characteristics enhance product efficiency with cationic polymers across a wide pH range.

### Applications

- Inorganic Binder
- Industrial Paper applications
- Water Treatment

### Typical Properties

PROPERTY	VALUE
Appearance	Clear to hazy liquid, aqueous colloidal dispersion
Wt. % SiO <sub>2</sub>	7.4 - 7.8
Surface Area (m <sup>2</sup> /g)	800 - 900
pH (@20°C)	10.0 - 10.5
Wt. % Al <sub>2</sub> O <sub>3</sub>	0.30 minimum
Storage	Perishable if frozen
Shelf Life	4 months from date of manufacture

### Packaging and Handling

Refer to the Safety Data Sheet (SDS) for information on the safe use, handling, and disposal of this product. Keep container tightly sealed. Store above 5°C (41°F) and below 35°C (95°F).

Available in Bulk and IBC.

DOT Classification: Not regulated.

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