



## TECHNICAL DATA SHEET

# Flexisil™ 14-30A

### Technical Overview

Flexisil 14-30A is an alkaline, aqueous nanoparticle dispersion of amorphous colloidal silica. This product is aluminum modified to broaden the range of pH stability versus standard alkali-stabilized products.

### Applications

- Inorganic Binder
- Industrial
- Ink-jet

### Typical Properties

| PROPERTY                             | VALUE                                                    |
|--------------------------------------|----------------------------------------------------------|
| Appearance                           | Hazy to white liquid,<br>aqueous colloidal<br>dispersion |
| Wt. % Silica                         | 29.0 - 30.5                                              |
| Surface Area (m <sup>2</sup> /g)     | 198- 258                                                 |
| pH (@20°C)                           | 8.5 - 9.3                                                |
| Wt. % Al <sub>2</sub> O <sub>3</sub> | 0.15 - 0.23                                              |
| Storage                              | Perishable if frozen                                     |
| Shelf Life                           | 12 months from date<br>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 and transport Flexisil at temperatures above 5°C (41°F) and below 35°C (95°F). Freezing of the product causes irreversible silica precipitation. Excess heat causes permanent silica gel formation.

Available in Bulk and IBC.

DOT Classification: Not regulated.

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