

SC

2

Description

Sodium Silicate

Chemical
composition

$\text{Na}_2\text{O} \cdot n\text{SiO}_2 \cdot x\text{H}_2\text{O}$

CAS No.

1344-09-8

Apppearance

Transparency

Application

Basic source material of silica derivative
- silica Gel, Silica Sol, Zeolite, White Carbon
Casting binder, Soaps&Detergent, Soil consolidation, welding rod coating,
Binder for corrugated paper carton, Surface cleaning additive of textile etc.

Specification

- | | |
|-----------------------------------|---------------|
| 1. Specific Gravity | 1.491 - 1.518 |
| 2. Molar Ratio | 2.45 – 2.65 |
| 3. SiO ₂ Content (%) | 29.5 – 33.5 |
| 4. Na ₂ O Content (%) | 12.4 – 13.2 |
| 5. Fe ₂ O ₃ | 0.05↓ |
| 6. Baume | 47.5 – 49.2 |
| 7. Viscosity | 300 - 550 |

Packing

Tank lorry
Drum (200 liters)

Material Safety
Data Sheet

MSDS is available

