



SILANOX™ OTES

CAS Number: 2943-75-1
Chemical Formula: $C_{14}H_{32}O_3Si$

DESCRIPTION

SILANOX™ OTES is a silane-based hydrophobing agent designed for use in construction and coating systems. It penetrates porous substrates to form a durable, water-repellent layer, reducing water absorption while maintaining substrate breathability. It also improves compatibility and dispersion in coating and sealant formulations.

KEY FEATURES

- Excellent water repellency performance
- Deep substrate penetration
- Enhances durability and weather resistance
- Maintains breathability of treated surfaces
- Improves dispersion of fillers and pigments
- Good compatibility with coating and sealant systems

APPLICATIONS

- Concrete and masonry waterproofing treatments
- Stone and mineral substrate protection
- Surface protection for infrastructure (bridges, facades)
- Coatings and sealants for improved dispersion and performance
- Construction materials requiring water repellency

TYPICAL SPECIFICATIONS

Parameter	Specification
Appearance	Clear liquid
Purity (%)	≥ 97.0
Molecular Weight	276.49
Density (20°C, g/cm ³)	0.879 ± 0.005
Refractive Index (25°C)	1.417 ± 0.005
Boiling Point (°C, 2 mmHg)	~ 99
Water Solubility	Decomposes



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

Available in 170 kg drums and 850 kg IBCs. Other packaging options available upon request.

STORAGE & HANDLING

Store in a cool, dry and well-ventilated area. Keep containers tightly sealed and protected from moisture, rain, and direct sunlight. 12 months under recommended storage conditions.

SAFETY

Handle in accordance with good industrial hygiene practices. Avoid contact with skin and eyes and inhalation of vapours. Use appropriate personal protective equipment. Refer to the Safety Data Sheet (SDS) for detailed information.