



Surface IQ Maintenance
6012 Bayfield Parkway, Suite 217
Concord, NC 28027
Tel: 980-502-1414 · surfaceiq.com

SAFETY DATA SHEET

FORTIFY PRO – Concrete Fortifier & Waterproofer

SDS - NP7939

Distributor / private-label SDS. Surface IQ Maintenance distributes FORTIFY PRO under its own brand. Hazard classification, composition, and all safety data below reflect the manufacturer's data and remain unchanged. Revision date 4/15/15. Review periodically against the manufacturer's current SDS.

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: FORTIFY PRO (Concrete Fortifier & Waterproofer)

Chemical Class: Silicate mixture

Distributed By: Surface IQ Maintenance

Information Phone: 980-502-1414

Product Code: NP7939

Recommended Use: Concrete fortifier / water repellent

Address: 6012 Bayfield Parkway, Suite 217, Concord, NC 28027

Emergency Phone: Chemtrec 800-424-9300

2 HAZARDS IDENTIFICATION

GHS Classification: Serious eye damage Category 1; Skin corrosion/irritation Category 1C.

DANGER - CORROSIVE

Hazard statements: Causes severe skin burns and eye damage. Causes serious eye damage.

Precautionary: Keep out of reach of children. Read label before use. Do not breathe mist/vapor/spray. Wash hands thoroughly after handling. Wear protective gloves, clothing, and eye/face protection.

Response: IF SWALLOWED: rinse mouth; do NOT induce vomiting. IF ON SKIN: remove contaminated clothing, rinse with water/shower. IF INHALED: move to fresh air, rest. IF IN EYES: rinse cautiously with water several minutes, remove contacts if easy. Immediately call a POISON CENTER or doctor.

Storage: Store locked up. **Disposal:** Dispose of contents/container per local/state/federal law.

HMIS HEALTH

1

FLAMMABILITY

1

REACTIVITY

0

PPE

B

3 COMPOSITION / INGREDIENTS

INGREDIENT	CAS NO.	OSHA PEL	ACGIH TLV	WT %
Lithium Silicate	12627-14-4	None	None	1-5
Sodium Methul Silicate	16580-43-8	None	None	1-5

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SAFETY DATA SHEET (CONTINUED)

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8 EXPOSURE CONTROLS / PPE

Respiratory: Avoid inhalation of mists generated during application.

Gloves: Impervious - neoprene or rubber.

Ventilation: Provide adequate general ventilation.

Eyes: Splash-proof goggles or safety glasses with side shields.

9 PHYSICAL & CHEMICAL PROPERTIES

Appearance/Odor: Transparent white or colorless liquid, slight odor.

Boiling Range: 0°F - 212°F

Solubility in Water: Not determined

Specific Gravity: 1.0

pH: <10

Vapor Density: N/A

10 STABILITY & REACTIVITY

Stability: Stable.

Incompatibility: Avoid contact with oxidizing materials.

Hazardous Decomposition: Carbon oxides and traces of incomplete carbon compounds, silicon dioxide (high heat), metal oxides, and formaldehyde.

Conditions to Avoid: None known.

Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

No data for the product itself. Component data:

Lithium Silicate: Moderate eye and skin irritation (similar materials). Repeated ingestion of large doses of soluble lithium compounds may cause temporary mental impairment; during pregnancy may cause fetal abnormalities. Not listed as a carcinogen by IARC, NTP, or OSHA.

Sodium Methyl Siliconate: Corrosive to skin (rabbit, ≤ 3 min); irreversible eye effects. Not classified for sensitization, mutagenicity, carcinogenicity, or reproductive toxicity.

Methanol: Acute toxicity estimate ~300 mg/kg (oral/dermal), 3 mg/L (inhalation). Target organs: eyes, central nervous system. Genotoxicity tests negative. Fetal-development effects only at maternally toxic doses. Not a listed carcinogen (IARC/OSHA/NTP).

12 ECOLOGICAL INFORMATION

No data for the product itself. Component data:

Lithium Silicate: Not tested for ecotoxicity. High pH may be acutely harmful to aquatic life; does not contribute to BOD. Sinks and mixes