



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 Methyl Silicate	16589-43-8	None	None	1-5
Water	7732-18-5	None	None	60-100
Methanol	67-56-1	200 ppm	200 ppm	<0.1

Ingredients listed without percentages are considered a trade secret.

4 FIRST AID MEASURES

Eyes: Immediately flush with water at least 15 minutes; seek medical attention.

Skin: Flush immediately with water at least 15 minutes; seek medical attention if necessary.

Ingestion: Do not induce vomiting; seek medical attention.

Inhalation: Remove to fresh air; obtain medical attention if effects persist.

5 FIRE-FIGHTING MEASURES

Flash Point: >212°F (SETA Flash). Flammable limits: N/A.

Extinguishing Media: Foam, alcohol foam, CO2, dry chemical, water fog.

Special Procedures: Wear self-contained breathing apparatus and protective clothing.

Unusual Hazards: None known.

6 ACCIDENTAL RELEASE MEASURES

Wear appropriate safety equipment. Dike material and take up remainder with absorbent to a salvage container.

7 HANDLING & STORAGE

Wear suitable protective clothing to avoid contact. Wear neoprene or rubber gloves and splash goggles with side shields. Store away from high heat, flames, and sparks. Keep in sealed, properly labeled containers. Do not allow to freeze. Wash hands before using toilet facilities; remove contaminated clothing promptly.



SAFETY DATA SHEET (CONTINUED)

FORTIFY PRO — Concrete Fortifier & Waterproofer

SDS - NP7939

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 with water.
- ◆ **Methanol:** Low aquatic toxicity (fish LC50 15,400 mg/L). Readily biodegradable (95% in 20 days). Low bioaccumulation potential (BCF <10).

13 DISPOSAL CONSIDERATIONS

Dispose of material at a waste disposal site in accordance with local, state, and federal laws.

14 TRANSPORT INFORMATION

DOT: Not Regulated.

IMO/IMDG: Not Regulated.

15 REGULATORY INFORMATION

No SARA 302 Extremely Hazardous Substances. SARA 311/312: Acute Health Hazard. No SARA 313 chemicals above de minimis thresholds. **California Prop 65**

WARNING: contains methanol (67-56-1), known to the State of California to cause birth defects or other reproductive harm. TSCA: all ingredients listed or exempt. Components reported on PA and NJ Right-to-Know.

16 OTHER INFORMATION

Disclaimer: The information herein is based on data available and is believed accurate; however, no warranty, expressed or implied, is made regarding its accuracy or the results obtained from use. Surface IQ, Maintenance assumes no responsibility for injury from use of this product. Review against the manufacturer's current SDS before use. **Revision Date:** 4/15/15.