



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

SAFETY DATA SHEET

PRESERVE LT – Penetrating Water Repellent

SDS - NP017

Distributor / private-label SDS. Surface IQ Maintenance distributes PRESERVE LT 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: PRESERVE LT (Penetrating Water Repellent & Sealer)

Chemical Class: Siliconate solution

Distributed By: Surface IQ Maintenance

Information Phone: 980-502-1414

Product Code: NP017

Recommended Use: Penetrating water repellent / sealer (horizontal)

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. If skin irritation or burns develop, call a doctor.

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

HMIS HEALTH

2

FLAMMABILITY

1

REACTIVITY

0

PPE

G

3 COMPOSITION / INGREDIENTS

INGREDIENT	CAS NO.	OSHA PEL	ACGIH TLV	WT %
Sodium Methyl Siliconate	16589-43-8	None	None	3-7
Water	7732-18-5	None	None	60-100

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SAFETY DATA SHEET (CONTINUED)

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8 EXPOSURE CONTROLS / PPE

Respiratory: Use a NIOSH-approved organic vapor respirator unless adequate ventilation is provided. Avoid inhalation of mists.

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: N/A

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

Sodium Methyl Silicate: 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).

No components are listed as carcinogens by OSHA, NTP, or IARC.

12 ECOLOGICAL INFORMATION

Sodium Methyl Silicate: No available data.

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