LithoHard Safety Data Sheet

SECTION 1 – IDENTIFICATION

Product Name: SINAK LithoHard
Product Code: LH
Recommended Use: Concrete hardener, densifier, sealer
Restrictions on Use: Professional use only

Manufacturer:
SINAK Corporation
4901 Morena Blvd., Suite 505
San Diego, CA 92117 USA
Phone: 800-523-3147

Emergency Telephone:
CHEMTREC (24 hr): 800-424-9300

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification:
Not classified as hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200).

Label Elements:

- **Signal Word:** None
- **Hazard Pictograms:** None required
- **Hazard Statements:** None required

Hazards Not Otherwise Classified (HNOC):
Product is alkaline (pH ~11.3) and may cause mild eye or skin irritation with prolonged or repeated contact.

Precautionary Statements:

- P102: Keep out of reach of children
- P103: Read label before use
- P264: Wash thoroughly after handling
- P262: Do not get in eyes, on skin, or on clothing
- P281: Use personal protective equipment as required
- P501: Dispose of contents/container in accordance with local, state, and federal regulations

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

This product is a mixture.

Substance	CAS No.	Weight %	Classification
Lithium Polysilicate	Trade Secret	1–10%	Not classified
Sodium Silicate	Trade Secret	<5%	Not classified
Water	7732-18-5	>80%	Not classified

Trade Secret Statement: Specific chemical identities and exact percentages are withheld as trade secrets in accordance with 29 CFR 1910.1200(i). The listed substances represent reacted and catalyzed materials present in the finished product; no free or unreacted silicates are present in the formulation.

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Remove contaminated clothing. Rinse skin with water. Seek medical advice if irritation develops.

Eye Contact: Flush eyes with water for at least 15 minutes. Remove contact lenses if present and easy to do. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. Rinse mouth. Seek medical attention.

Most Important Symptoms: Mild irritation of eyes or skin.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Product is not flammable. Use media appropriate for surrounding fire.

Specific Hazards: None known.

Protective Equipment: Firefighters should wear standard protective equipment.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate PPE. Avoid eye and skin contact.

Environmental Precautions: Prevent entry into waterways where prohibited.

Methods for Cleanup: Absorb with inert material and dispose of in accordance with regulations.

SECTION 7 – HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin. Follow good industrial hygiene practices.

Storage: Store in original, tightly sealed containers at temperatures between 40°F and 100°F (4°C–38°C). Protect from freezing. Avoid prolonged exposure to direct sunlight or temperatures outside of recommended storage range.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: No occupational exposure limits established for this mixture under OSHA, ACGIH, or NIOSH.

Engineering Controls: Use adequate ventilation.

Personal Protective Equipment:

- Eye protection: Safety glasses
- Skin protection: Protective gloves and clothing
- Respiratory protection: Not normally required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Clear liquid
- Odor: Mild
- pH: ~11.3
- Freezing Point: 32°F (0°C)
- Boiling Point: 212°F (100°C)
- Specific Gravity: ~1.0
- Solubility: Completely soluble in water
- Flash Point: Not applicable
- VOC Content: 0 g/L

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Incompatible Materials: Strong acids, strong oxidizing agents.

Hazardous Decomposition Products: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin contact, eye contact.

Acute Toxicity: Not expected to be harmful.

Carcinogenicity: Not listed by IARC, NTP, or OSHA.

Sensitization: Not expected to cause sensitization.

SECTION 12 – ECOLOGICAL INFORMATION

No data available. Product is not expected to be hazardous to the environment under normal use.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents and container in accordance with local, state, and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT: Not regulated
IMDG: Not regulated
IATA: Not regulated

SECTION 15 – REGULATORY INFORMATION

TSCA: All components are listed or exempt.
SARA 311/312: Not classified as hazardous.
SARA 313: Not subject to reporting.
California Prop 65: No listed substances present.
WHMIS: Not controlled.

SECTION 16 – OTHER INFORMATION

Revision Date: 01/23/2026
Prepared By: SINAK Corporation