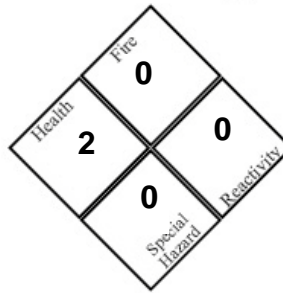




Material Safety Data Sheet
INNOTECH CONCRETE DENSIFIER LS

NFPA Rating



HMIS Rating

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C

Revision Date: 0110
Version: 1

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File Name: *Concrete Densifier LS MSDS_v011810*

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION:

Company:
Innotech Decorative Concrete Products
2055 Enterprise Parkway
Twinsburg, OH 44087
877.829.7880

24-Hour Emergency Response Information
CHEMTREC: 800.424.9300

Chemical Family: Waterborne Inorganic Silicate Solution
Synonyms: Inorganic Silicates

2. COMPOSITION/INFORMATION ON INGREDIENTS:

CAS NO.:	CHEMICAL NAME:	PERCENTAGE
Non-hazardous Waterborne Concrete Sealer per 29 CFR 1910.1200	N/A	N/A

3. HAZARD IDENTIFICATION:

Emergency overview:

May cause moderate eye, skin, respiratory or digestive tract irritation if overexposed.
- Wear safety glasses with side shields.
- Wear chemical-resistant gloves and protective clothing.

Potential health effects:

Primary Routes of Entry-

Solids and liquids: Eye and skin contact, and ingestion.
Mists: Eye, skin contact and inhalation contact.

4. FIRST-AID MEASURES:

General advice:

Remove victim from area of contact.

If in eyes:

Rinse eyes immediately with lukewarm water for 15 minutes, occasionally lifting upper and lower eyelids, until no evidence of product remains. Get medical attention if irritation persists.

If on skin:

Rinse area of contact for 15 minutes with soap or mild detergent with lukewarm water until no evidence of chemical remains. Seek medical attention if irritation persists.

If inhaled:

Move to fresh air; administer oxygen or artificial respiration by qualified person if breathing has stopped. Seek immediate medical attention.

If swallowed:

If ingested, do not induce vomiting (if patient is conscious); consult a physician.

Note to physician: Unspecified

5. FIRE-FIGHTING MEASURES:

Flash point:

None

LEL: **UEL:**

N/A N/A

Suitable extinguishing media:

Use water spray dry chemical, carbon dioxide or regular foam. Move containers away from fire area if can be done without risk.

Hazards during fire-fighting:

Containers may rupture when exposed to extreme heat. Reacts with acids, ammonium salts, reactive metals and some organics. Flammable hydrogen gas may be produced on contact with aluminum, tin, lead and zinc. Contact with ammonium compounds may liberate ammonia gas.

Protective equipment for fire-fighting:

Wear NFPA-approved self-contained breathing apparatus, helmet, hood, boots and gloves.

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions:

Use recommended personal protective clothing and equipment. Spilled material is slippery. Do not walk through spilled material.

Environmental precautions:

Follow all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off work area, and material should be absorbed, collected and disposed of in accordance with regulations. Keep product from entering storm drains. Consult local and federal guidelines for proper disposal of these materials.

Cleanup:

- *For small amounts of released material:* Spills may be covered and absorbed with inert absorbent (e.g. kitty litter) and transfer to suitable container for disposal.

- *For large amounts of released material:* Dike around spilled material to contain. Spilled material may be mopped or vacuumed up, then transferred to plastic containers for disposal.

7. HANDLING and STORAGE:

Handling:

General advice-

No specific measures are necessary provided product and recommended protective clothing/equipment are used correctly. Do not mix with other chemicals. This is a commercial product, not intended for home use. Keep out of reach of children.

Storage:

General advice-

Protect against physical damage. Store in a cool, dry area away from acids, reactive metals and ammonia compounds. Keep containers closed.

Shelf Life:

12 months

8. EXPOSURE CONTROLS and PERSONAL PROTECTION:

Advice on system design:

Normal ventilation sufficient. Local exhaust not normally necessary.

Personal protective equipment (HMIS rating 'C'):

Eye protection: Wear safety glasses with side shields or safety goggles to prevent exposure or full face shield if splash hazard exists.

Skin protection: Chemical-resistant gloves. Wear appropriate protective clothing to prevent possible skin contact.

Respiratory protection: Use a NIOSH approved dust or mist respirator where spray mist occurs.

General safety and hygiene measures: Exercise stringent hygiene practices to minimize exposure.

If contact occurs, wash any body part with soap and water immediately. Wash hands after use, an before eating, drinking or smoking.

Other protective measures:

Nearby running water on the job site is necessary, should an accident occur.

Exposure Guidelines:

ACGIH TLV: None

STEL: None

OSHA PEL: None

9. PHYSICAL and CHEMICAL PROPERTIES:

Form:	Liquid
Odor:	Odorless
Color:	Clear Water White
pH value:	11.8 +/- 0.2
Solvent content:	<0.1%
Total solids/Non-volatiles:	Proprietary
Regulatory VOC:	< 0.1% g/l
Solvents by weight:	<0.01 lbs./gal.
Specific gravity:	1.08 (H ₂ O = 1)
Solidification temperature:	Unspecified
Freezing/Melting point:	<32°F (0 °C)
Boiling point:	212°F (100 °C)
Vapor density:	Equal to Water
Vapor pressure:	Equal to Water
Evaporation Rate:	Equal to Water
Solubility in water:	100% Soluble

10. STABILITY and REACTIVITY:

Conditions to avoid:

Excessive heat or flame.

Substances to avoid:

Acids, ammonium salts, reactive metals

Hazardous reactions:

Product is chemically stable under normal conditions of use and storage.

Decomposition or By-products:

None known.

11. TOXICOLOGY INFORMATION:

Acute Toxicity:

Oral: Ingestion may irritation of the digestive tract.

Eye irritation: Moderate irritation, redness and tearing. Overexposure may cause temporary corneal damage.

Skin irritation: Mild irritation and redness and, possibly, dermatitis after prolonged exposure.

Inhalation: Irritation of the upper respiratory tract and mucous membranes.

Sensitization: Skin: N/A. Respiratory: N/A

Chronic Toxicity:

Other information: No carcinogenic substances as defined by IARC, NTP and/or OSHA.

12. ECOLOGICAL INFORMATION:

Biodegradation:

Test method: Unspecified

Analysis method: Unspecified

Degree of elimination: Not Established

Environmental toxicity:

Acute and prolonged toxicity to fish: Not Established

Toxicity to microorganisms: Not Established

Other ecotoxicological advice: Not Established

13. DISPOSAL CONSIDERATIONS:

Waste disposal of substance:

Dispose of in accordance with all Federal, State and Local regulations when storing and disposing of substances. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA (EPA regulations for hazardous waste).

Container disposal:

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

RCRA:

Unspecified.

14. TRANSPORTATION INFORMATION:

Land transportation:

US DOT Shipping Class: Cement Waterproofing Compound, Liquid (Non-Hazardous)

Sea transportation:

IMDG: Unspecified

Air transportation:

IATA/ICAO: Unspecified

15. REGULATORY INFORMATION:

Federal Regulations:

Registration status:

TSCA, US :

All components are listed or exempt.

OSHA hazard category:

None

SARA hazard category (EPCRA 311/312):

None

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16. OTHER INFORMATION:

NFPA Rating:

Health: 2 Fire: 0 Reactivity: 0 Special Hazard: none

HMIS III Rating:

Health: 2 Flammability: 0 Physical Hazard: 0
Personal Protection: B (safety glasses with side shields and chemical-resistant gloves)

Both NFPA and HMIS III rating systems use a numbering scale that ranges from 0 to 4 to indicate the degree of hazard. A value of zero means the substance possesses no hazard while a value of four indicates high hazard.

HMIS III personal protection ratings A-K are specified by HMIS, while this manufacturer specifies ratings L-Z please review section 8 for specific safety equipment recommended for use with this product.

Reason for Revision:

New Product Document

Reviewed:

MG/0110

Local Contact Information:

Innotech Decorative Concrete Products
877.829.7880 (8 a.m. to 5 p.m., M-F, EST)
www.innotechdcp.com

24-Hour Emergency Response Information:

CHEMTREC: 800.424.9300

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END OF DATA SHEET