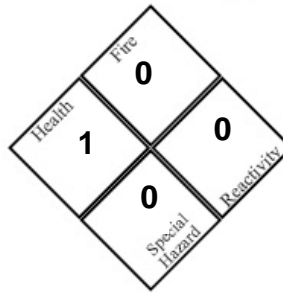




Material Safety Data Sheet
INNOTECH STAIN-GUARD

NFPA Rating



HMIS Rating

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

Revision Date: 0310
Version: 1

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File Name: *Stain Guard MSDS_v031110*

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 Concrete Floor Protectant
Synonyms: Polymer Emulsion

2. COMPOSITION/INFORMATION ON INGREDIENTS:

CAS NO.:	CHEMICAL NAME:	PERCENTAGE
34590-94-8	Dipropylene Glycol Monomethyl Ether	<1%
112-34-5	Diethylene Glycol Monobutyl Ether	<2%

3. HAZARD IDENTIFICATION:

Emergency overview:

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

Potential health effects:

Primary Routes of Entry-

Liquids: Eye and skin contact, and ingestion.
Vapors: Inhalation

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

If swallowed:

If ingested, 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.

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. To prevent slipping, 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:* Mop or vacuum up then 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 tightly closed containers in a cool, well ventilated area. Do not allow product to freeze.

Shelf Life:

12 months

8. EXPOSURE CONTROLS and PERSONAL PROTECTION:

Advice on system design:

Provide local exhaust ventilation to control vapors for published exposure limits.

Personal protective equipment (HMIS rating 'B'):

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 proper NIOSH-OSHA respirator for contamination levels found in work area.

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: 100 ppm (34590-94-8)

STEL: 150 ppm (34590-94-8)

OSHA PEL: 100 ppm (34590-94-8)

9. PHYSICAL and CHEMICAL PROPERTIES:

Form:	Milky Liquid
Odor:	Sweet Odor
Color:	White
pH value:	7.8+/- 0.2
Solvent content:	2.2%
Total solids/Non-volatiles:	17.5%
Regulatory VOC:	< 0.5% by weight
Solvents by weight:	0.44 lbs./gal
Specific gravity:	1.04 (H2O = 1)
Solidification temperature:	N/A
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:	0.1 (Butyl Acetate=1)
Solubility in water:	Miscible

10. STABILITY and REACTIVITY:

Conditions to avoid:

Freezing. Excessive heat or flame.

Substances to avoid:

Strong oxidizing agents, acids and bases.

Hazardous reactions:

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

Decomposition or By-products:

In fire conditions: carbon monoxide (CO), carbon dioxide (CO₂).

11. TOXICOLOGY INFORMATION:

Acute Toxicity:

Oral: Ingestion may cause nausea, vomiting, and diarrhea.

Eye irritation: Mild irritation, redness and tearing.

Skin irritation: Mild irritation and redness.

Inhalation: Irritation to the respiratory tract, headache and dizziness.

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: Wax, 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):

Acute health hazard

CAS Number: _____ Chemical Name:

112-34-5 Diethylene Glycol Monobutyl Ether

State Regulations:

Chemicals known to the State of California to cause cancer, birth defects or other reproductive harm

None

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16. OTHER INFORMATION:

NFPA Rating:

Health: 1 Fire: 0 Reactivity: 0 Special Hazard: none

HMIS III Rating:

Health: 1 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/0310

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