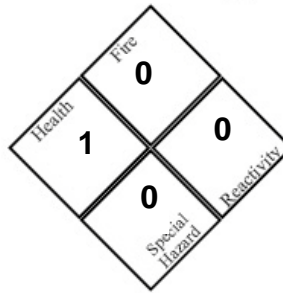




**Material Safety Data Sheet**  
**INNOTECH CEMSEAL**

NFPA Rating



HMIS Rating

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

Revision Date: 0110  
Version: 1

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File Name: *Cemseal 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 Acrylic Concrete Sealer  
**Synonyms:** Acrylic Emulsion

**2. COMPOSITION/INFORMATION ON INGREDIENTS:**

CAS NO.:	CHEMICAL NAME:	PERCENTAGE
111-76-2	2-Butoxyethanol	<3%

**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 away from acids. Keep from freezing

**Shelf Life:**

12 months

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**8. EXPOSURE CONTROLS and PERSONAL PROTECTION:**

***Advice on system design:***

Normal ventilation usually sufficient. Provide local exhaust ventilation to control vapors/mist 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, and 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: 20 ppm (111-76-2)

STEL: Unspecified

OSHA PEL: 50 ppm- Skin (111-76-2)

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**9. PHYSICAL and CHEMICAL PROPERTIES:**

Form:	Milky Liquid
Odor:	Sweet Odor
Color:	White
pH value:	8.4
Solvent content:	2.7%
Total solids/Non-volatiles:	18%
Total VOC:	146 g/l
Solvents by weight:	0.23 lbs./gal
Specific gravity:	1.03 (H <sub>2</sub> 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:	0.1 (Butyl Acetate=1)
Solubility in water:	Miscible

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**10. STABILITY and REACTIVITY:**

***Conditions to avoid:***

Freezing. Excessive heat or flame.

***Substances to avoid:***

Strong oxidizing agents, acids & 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 (CO<sub>2</sub>).

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**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: Not established. Respiratory: Not established.

***Chronic Toxicity:***

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

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**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.

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**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.

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**14. TRANSPORTATION INFORMATION:**

***Land transportation:***

US DOT Shipping Class: Paint (Non-Hazardous)

***Sea transportation:***

IMDG: Unspecified

***Air transportation:***

IATA/ICAO: Unspecified

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**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:

111-76-2

Chemical Name:

2-Butoxyethanol

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Innotech Cem Seal**

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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/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**