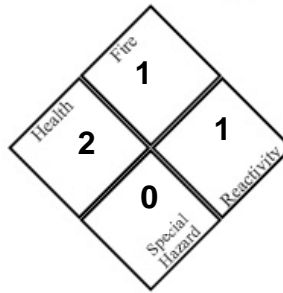




**Material Safety Data Sheet**  
**INNOTECH SURPRO WB MATTE**  
**PART B**

NFPA Rating



HMIS Rating

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	1
PERSONAL PROTECTION	D

Revision Date: 0110  
Version: 1

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File Name: *Surpro WB Matte Part B 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:** Hydrophilic Polyisocyanate Curing Agent  
**Synonyms:** Unspecified

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

CAS NO.:	CHEMICAL NAME:	PERCENTAGE
28182-81-2	Homopolymer of Hexamethylene Diisocyanate	>99%

**3. HAZARD IDENTIFICATION:**

**Emergency overview:**

CAUTION! Overexposure to airborne isocyanates can irritate respiratory tract. Overexposure to skin and eyes may cause irritation, skin sensitization and allergic reaction in some individuals

- Avoid inhalation of mists/vapors. Use local exhaust ventilation.
- Wear NIOSH-approved chemical splash goggles.
- Wear chemical-resistant gloves and protective clothing.
- Wear a NIOSH-approved vapor respirator.

**Potential health effects:**

**Primary Routes of Entry-**

Liquid: Eye and skin contact, and ingestion.  
Vapors/Mists: Inhalation, skin and eye contact.

#### 4. FIRST-AID MEASURES:

**General advice:**

Remove victim from area of contact.

**If in eyes:**

Rinse eyes immediately with large doses of water for at least 15-20 minutes, occasionally lifting upper and lower eyelids, until no evidence of product remains. Get medical attention if irritation develops.

**If on skin:**

Remove contaminated clothing and shoes. Wash area of contact with soap or mild detergent with large doses of water. Seek medical attention if irritation develops and 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:**

Do not induce vomiting. Wash mouth out with water. Do not give anything by mouth to an unconscious person.

**Note to physician:**

Eyes: Stain for evidence of corneal injury.

Skin: This compound is a skin sensitizer. Treat symptomatically for contact dermatitis or thermal burn.

Ingestion: Treat symptomatically. Do not induce vomiting.

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#### 5. FIRE-FIGHTING MEASURES:

**Flash point:**

> 365° F.

**LEL:**

Not Established

**UEL:**

Not Established

**Suitable extinguishing media:**

Use dry chemical, carbon dioxide or regular foam. For larger fires use regular foam, fog or water spray. Move containers away from fire area if can be done without risk. From a safe distance apply flooding amounts of water to sides of container exposed to fire for cooling purposes until well after the fire is extinguished.

**Hazards during fire-fighting:**

Containers may explode when exposed to extreme heat or when contents are contaminated with water (CO<sub>2</sub> formed). Use cool water spray to cool fire-exposed containers.

**Protective equipment for fire-fighting:**

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

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#### 6. ACCIDENTAL RELEASE MEASURES:

**Personal precautions:**

Eliminate all ignition sources. Use recommended personal protective clothing and equipment.

**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 transferred to an open head metal container for disposal.

- For large amounts of released material: Dike around spilled material to contain. Spills may be covered and absorbed with non-combustible absorbent (e.g. kitty litter) and transferred to an open head metal containers for disposal.

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## 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, dry, well ventilated area to prevent moisture contamination. Do not reseal if contamination is suspected.

### Shelf Life:

12 months

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## 8. EXPOSURE CONTROLS and PERSONAL PROTECTION:

### **Advice on system design:**

Provide local exhaust ventilation to control vapors/mist.

### **Personal protective equipment (HMIS rating 'D'):**

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. Must wear appropriate protective (impervious) clothing and equipment (covering as much skin area as possible) to prevent possible skin contact.

Respiratory protection: If spray applied use proper NIOSH-OSHA approved respirator.

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:** Unspecified

### **Exposure Guidelines:**

ACGIH TLV: None

STEL: None

OSHA PEL: None

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## 9. PHYSICAL and CHEMICAL PROPERTIES:

Form:	Liquid
Odor:	Slight
Color:	Light Yellow
pH value:	N/A
Solvent content:	None
Total solids/Non-volatiles:	>99%
Regulatory VOC:	44 g/l when mixed with Surpro WB Matte Part A
Solvents by weight:	None
Specific gravity:	1.15 (H <sub>2</sub> O = 1)
Solidification temperature:	Unspecified
Freezing/Melting point:	Not Established
Boiling point:	Not Established
Vapor density:	Not Established
Vapor pressure:	Not Established
Evaporation Rate:	N/A
Solubility in water:	Miscible

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## 10. STABILITY and REACTIVITY:

***Conditions to avoid:***

Moisture, heat and flames.

***Substances to avoid:***

Water, amines, strong bases, alcohols, strong oxidizing agents.

***Hazardous reactions:***

Product is chemically stable under normal conditions of use and storage. Polymerization may occur upon contact with moisture or other isocyanate reactive substances.

***Decomposition or By-products:***

In fire conditions carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), oxides of nitrogen products, dense black smoke, isocyanate, isocyanic acid, and hydrogen cyanide.

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## 11. TOXICOLOGY INFORMATION:

***Acute Toxicity:***

**Oral:** Symptoms of ingestion may include abdominal pain, nausea, vomiting and diarrhea.

**Eye:** May cause irritation with reddening, tearing, and stinging and possible corneal injury.

**Skin:** Overexposure can cause irritation with reddening, itching and swelling. Sensitized persons can experience an allergic skin reaction with symptoms of reddening, itching, swelling and rash.

**Inhalation:** Can cause irritation of the respiratory tract with symptoms of coughing, sore throat and runny nose.

**Sensitization:** Skin: Yes Respiratory: Yes

***Chronic Toxicity:***

**Skin:** Chronic exposure can cause skin sensitization. Sensitized persons may experience an allergic skin reaction with symptoms of reddening, itching, swelling and rash.

**Inhalation:** In certain individuals, repeated overexposures can cause sensitization to polyisocyanates which, upon exposure, can cause asthma-like symptoms including chest tightness, wheezing cough, shortness of breath and asthmatic attack.

**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 expected to be readily biodegradable.

***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:**

Hazardous - Sensitizer

**SARA hazard category (EPCRA 311/312):**

Acute Health Hazard, Chronic Health Hazard

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**16. OTHER INFORMATION:**

***NFPA Rating:***

Health: 2      Fire: 1      Reactivity: 1      Special Hazard: none

***HMIS III Rating:***

Health: 2      Flammability: 1      Physical Hazard: 1  
Personal Protection: D (safety glasses, chemical-resistant gloves, and protective clothing)

*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:**

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**END OF DATA SHEET**