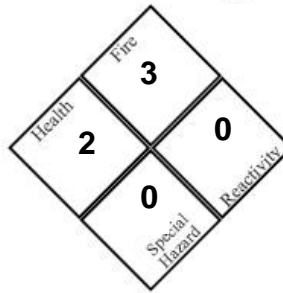




### NFPA Rating



### HMIS Rating

HEALTH	2
FLAMMABILITY	4
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

## Material Safety Data Sheet

### INNOTECH SOLVENT SEAL

Low VOC Solvent Seal 19

Low VOC Solvent Seal 23

Low VOC Solvent Seal 25

Revision Date: 04/20/2010

Page No.: 1 of 6

Version: 1

File Name: MSDS Solvent Seal Low VOC

### 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:** Paint  
**Synonyms:** Flammable Liquid

### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

CAS NO.:	CHEMICAL NAME:	EXPOSURE LIMITS
Proprietary	Acrylic Polymer	None established
Trade Secret	Aromatic Naphtha	100 ppm
67-64-1	Acetone	1000 ppm
540-88-5	T-Butyl Acetate	200 ppm

### 3. HAZARD IDENTIFICATION:

**Routes of Exposure:** Inhalation, Ingestion, eyes, and Skin.

**Health Hazards:**

**Acute:** May cause eye, skin, gastrointestinal, and lung irritation. May cause central nervous system depression.  
**Chronic:** Prolonged and repeated exposures to high concentrations may cause hearing loss. May cause anemia, decreased blood cell count, and bone marrow hyperplasia. Liver and kidney damage may occur. Exposure to toluene may affect the developing fetus.

**Skin Contact:** May cause irritation and redness. Prolonged or repeated exposure can cause defatting and drying of the skin, which may result in a burning sensation and a dried, cracked appearance.

**Eye Contact:** May cause redness, tearing, and irritation of the eyes. Direct contact may cause permanent eye damage.

**Inhalation:** May cause headache, nausea, dizziness, and loss of coordination. Continued inhalation may result in unconsciousness and death.

**Ingestion:** May be harmful if swallowed. Aspiration of the material into the lungs can cause chemical pneumonitis, which can be fatal.

**Carcinogen:** Contains trace amounts of Naphthalene (0.84-1.69% by wt.), which has been shown by the NTP to be carcinogenic.

#### **4. FIRST-AID MEASURES:**

**Skin:** Clean material from skin with acetone, and then wash with soap and water followed by moisturizer.

**Eyes:** Flush with a gentle but large stream of clean water for 15 minutes, lifting the lower and upper eyelids occasionally. Call a physician if irritation persists.

**Inhalation:** Move to fresh air and provide oxygen if breathing is difficult. Seek medical attention.

**Ingestion:** DO NOT INDUCE VOMITING. Give large quantities of water. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention immediately.

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#### **5. FIRE-FIGHTING MEASURES:**

**Flash Point (TCC):** 0° F

**Flammable Limits (% volume in air):** LEL=1.1 UEL= 12.8

**Extinguishing Media:** Dry chemical, CO2, alcohol-resistant foam

**Special Fire Fighting Procedures:** Evacuate area and fight fire from a distance. Firefighters wear NIOSH approved self-contained breathing apparatus. Cool containers exposed to fire with water. Vapors are heavier than air and may travel along the ground to distant ignition sources.

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#### **6. ACCIDENTAL RELEASE MEASURES:**

***Personal precautions:***

Contain spill and absorb. Keep product from entering storm drains. Use recommended personal protective clothing and equipment. Equipment used when handling this product must be grounded.

***Environmental precautions:***

Follow all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off work area, excess material should be absorbed or vacuumed and disposed of in accordance with regulations. Consult local and federal guidelines for proper disposal of these materials.

**Waste Disposal Method:** Liquid material is an ignitable waste (D001). Dispose of material in accordance with federal, state, and local guidelines

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## **7. HANDLING and STORAGE:**

**Normal Handling:** Always use good industrial hygiene practices and safety guidelines.

**Storage:** Store material in its original container. Keep containers tightly closed when not in use. Keep material away from open flame, sparks, or other sources of heat and ignition.

**Waste Disposal Method:** Liquid material is an ignitable waste (D001). Dispose of material in accordance with federal, state, and local guidelines.

**Special Precautions:** Use proper bonding/grounding techniques to avoid static buildup/discharge, which can ignite vapors. Empty containers may contain explosive levels of vapor. Do not cut, drill, or weld on or near the containers.

**Shelf Life:**

12 months

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

**Respiratory Protection:** Use a NIOSH-approved organic vapor respirator when exposure level cannot be maintained below limits.

**Ventilation:** Provide adequate mechanical ventilation to keep exposure levels below TLV's.

**Protective Gloves:** Wear impervious chemical gloves.

**Eye Protection:** Wear chemical safety glasses.

**Other Protective Clothing or Equipment:** As needed to prevent repeated/prolonged contact.

**Work/Hygienic Practices:** Use only in adequately-ventilated area unless recommended respiratory protection is used. Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

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## **9. PHYSICAL and CHEMICAL PROPERTIES:**

Form:	Liquid
Odor:	Acetone and Aromatic Hydrocarbon
Color:	Clear
pH value:	Unspecified
Total solids/Non-volatiles:	<25
Total VOC:	<400 g/l
Specific gravity:	0.82 (H <sub>2</sub> O = 1)
Boiling point:	323 °F (161.7 °C)
Vapor density:	4.3 (Air=1)
Vapor pressure:	Unknown
Evaporation Rate:	Slower than Ether
Solubility in water:	Immiscible

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**10. STABILITY and REACTIVITY:**

**Reactivity:** Stable

**Conditions to avoid:** Prevent vapor accumulation. Avoid heat and flames.

**Incompatibility (Materials to Avoid):** Strong oxidizers.

**Hazardous Decomposition (Byproducts):** Carbon monoxide and carbon dioxide.

**Hazardous Polymerization:** Should not occur.

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**11. TOXICOLOGY INFORMATION:**

**SARA 311/312:**

Acute Health Hazard

Fire Hazard

Chronic Health Hazard

**SARA 313:**

Components

See Section III (Aromatic Naphtha components)

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**12. ECOLOGICAL INFORMATION:**

***Biodegradation:***

Test method: Unspecified

Analysis method: Unspecified

Degree of elimination: Unspecified

***Environmental toxicity:***

Acute and prolonged toxicity to fish: Unspecified

Toxicity to microorganisms: Unspecified

Other ecotoxicological advice: Unspecified

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**13. DISPOSAL CONSIDERATIONS:**

***Waste disposal of substance:***

Liquid material is an ignitable waste (D001). Dispose of material in accordance with federal, state, and local guidelines.

***Container disposal:***

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

***Special Precautions:***

Use proper bonding/grounding techniques to avoid static buildup/discharge, which can ignite vapors. Empty containers may contain explosive levels of vapor. Do not cut, drill, or weld on or near the containers.

***RCRA:***

Unspecified.

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**14. TRANSPORTATION INFORMATION:**

***Land transportation:***

US DOT Shipping Class: Paint, 3, UN1263, PGII

***Sea transportation:***

IMDG: Unspecified

***Air transportation:***

IATA/ICAO: Unspecified

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**15. REGULATORY INFORMATION:**

**Federal Regulations:**

**Registration status:**

TSCA, US : Unspecified

**OSHA hazard category:** Hazardous

**SARA hazard category (EPCRA 311/312):** Acute health hazard, Fire Hazard, Chronic Health Hazard

**California Proposition 65:** Naphthalene (91-20-3)      0.84-1.69%      CA\_65 C

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**Material Safety Data Sheet**  
**Innotech Solvent Seal Low VOC 19, 23 & 25**

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**16. OTHER INFORMATION:**

***NFPA Rating:***

Health: 2      Fire: 3      Reactivity: 0      Special Hazard: none

***HMIS III Rating:***

Health: 2      Flammability: 4      Physical Hazard: 0  
Personal Protection: G

*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:**

04/20/2010

**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**