

**Innotech Ultra Seal 100 VOC (glass & matte)**

SDS Number:

Revision Date: 6/23/2019

Page 1 of 5

**1 PRODUCT AND COMPANY IDENTIFICATION**

**Manufacturer**

ChromaScape  
 2055 Enterprise Pkwy  
 Twinsburg, OH 44087

**Contact:** Chemtrec:1-800-424-9300  
**Phone:** 330-998-7574  
**Web:** www.chromascape.com

**Product Identifier:** Innotech Ultra Seal 100 VOC (glass & matte)  
**Synonyms:** Solvent Sealer  
**Revision Date:** 6/23/2019  
**Version:** 2.0  
**CAS Number:** Mixture  
**Chemical Family:** Flammable solvent  
**Product Use:** Concrete sealer

**2 HAZARDS IDENTIFICATION**

**Classification of the Substance or Mixture**

**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

Physical, Flammable Liquids, 2  
 Health, Skin corrosion/irritation, 3  
 Health, Serious Eye Damage/Eye Irritation, 2 A  
 Environmental, Hazards to the aquatic environment - Acute, 3

**GHS Label Elements, Including Precautionary Statements**

**GHS Signal Word:** **DANGER**

**GHS Hazard Pictograms:**



**GHS Hazard Statements:**

H225 - Highly flammable liquid and vapor  
 H316 - Causes mild skin irritation  
 H319 - Causes serious eye irritation  
 H402 - Harmful to aquatic life

**GHS Precautionary Statements:**

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
 P233 - Keep container tightly closed.  
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
 P264 - Wash skin thoroughly after handling.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P281 - Use personal protective equipment as required.  
 P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P331 - Do NOT induce vomiting.  
 P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS**

**Route of Entry:** Eyes, skin, ingestion  
**Target Organs:** Skin, eyes, central nervous system

**Innotech Ultra Seal 100 VOC (glass & matte)**

SDS Number:

Revision Date: 6/23/2019

Page 2 of 5

**3 COMPOSITION/INFORMATION OF INGREDIENTS**

**4 FIRST AID MEASURES**

**Skin Contact:**

**Emergency First Aid Procedures**

**Skin:** Clean material from skin with acetone, then wash with soap and water followed by moisturizer. If irritation persists, contact a physician.

**Eyes:** Flush with a gentle but large stream of clean water for 15 minutes, lifting the lower and upper eyelids occasionally. Remove contact lenses if able. 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. Do not give milk or alcoholic beverages. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention immediately.

**5 FIRE FIGHTING MEASURES**

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

**Unsuitable Extinguishing Media:** High-volume water jet

**Flash Point (TCC):** 0° F

**Flammable Limits (% volume in air for solvents):** LEL=1.0 UEL=13.0

**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. Do not allow runoff from firefighting to enter drains or water courses.

**6 ACCIDENTAL RELEASE MEASURES**

**Steps to Take if Material is Released or Spilled:** No health affects expected from the clean-up of the material if contact can be avoided. Follow the protection information found in Section 8 of this SDS. Ventilate the contaminated area. Prevent the spread of spilled material by using a suitable absorbent material or sand dam.

**7 HANDLING AND STORAGE**

**Handling Precautions:**

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.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Personal Protective Equipment:**

Respiratory Protection: Use NIOSH-approved organic vapor respirator when exposure levels can't be kept below limits.

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

Protective Gloves: Wear impervious chemical gloves.

**Innotech Ultra Seal 100 VOC (glass & matte)**

SDS Number:

Revision Date: 6/23/2019

Page 3 of 5

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.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Clear to slightly hazy liquid  
**Odor:** Characteristic ketone  
**Odor Threshold:** 13 ppm  
**pH:** None  
**Freezing/Melting Point:** -138.3° F  
**Boiling Point:** 133.5° F  
**Flash Point:** 0° F  
**Evaporation Rate:** 14.4 (butyl acetate = 1)  
**Flammability (solid, gas):** Flammable Liquid  
**Lower/Upper Flammability:** 0.9-12.8  
**Vapor Pressure:** 24.7 kPa @ 20° C  
**Vapor Density:** 2.0  
**Relative Density:** 1.02 g/cc  
**Solubility:** 36.8% w/w in water  
**Partition Coefficient:** No data available  
**Auto-ignition Temperature:** 1004° F  
**Decomposition temperature:** No data available  
**Viscosity:** 18-20 centipoise

**10 STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	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.

**11 TOXICOLOGICAL INFORMATION**

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

**Acute Toxicity Lethal Doses (ATE):**

LC50 (inhl) 560.5 mg/l  
 LD50 (oral) 8045 mg/kg  
 LD50 (skin) 5780 mg/kg

**Health Hazards:**

**Acute:** May cause eye, skin, gastrointestinal, and lung irritation  
**Chronic:** Prolonged and repeated exposures to high concentrations may cause damage to respiratory tract.

**Innotech Ultra Seal 100 VOC (glass & matte)**

SDS Number:

Revision Date: 6/23/2019

Page 4 of 5

**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 serious 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 no ingredients suspected of causing cancer in humans:

**Aggravation of Pre-existing Conditions:** Persons with pre-existing skin, eye, or lung disorders may be more susceptible to the effects of the substance.

**12 ECOLOGICAL INFORMATION**

**Acute Toxicity to Fish:** LC50 17.5 mg/L (calculated)

**Acute Toxicity to Aquatic Invertebrates:** LC50 10.8 mg/L (calculated)

**Toxicity to Aquatic Plants:** EC50 144.4 mg/L (calculated)

**Toxicity to Microorganisms:** No data available

**Chronic Toxicity to Fish:** No data available

**Chronic Toxicity to Aquatic Invertebrates:** No data available

**Persistence and Degradability:** Expected to degrade readily and rapidly in the presence of oxygen

**Bioaccumulation Potential:** This material is not expected to bio-accumulate

**Mobility in the Soil:** Expected to move slowly in soil and water

**Other Adverse Effects:** None established

**13 DISPOSAL CONSIDERATIONS**

Waste Disposal Method: Liquid material is an ignitable waste (D001). Dispose of material in accordance with all Federal, State, and Local regulations.

**14 TRANSPORT INFORMATION**

Not classified

**For all modes:**

**Proper Shipping Name:** PAINT

**Hazard Class:** 3

**UN:** UN1263

**Packing Group:** PGII

**Marine Pollutant:** No

**15 REGULATORY INFORMATION**

**SARA 311/312:** Yes. (Fire, Acute, Chronic).

**OSHA:** This material is hazardous by definition of Hazardous Communications Standard (29 CFR 1910.1200).

**TSCA:** Components of this material are either listed or are exempt from the EPA TSCA Inventory of Chemical Substances.

**California Proposition 65:** This product contains no chemicals listed.

**Massachusetts Right To Know:** Proprietary Glycol Ether 2.0 - 2.5

**Pennsylvania Right To Know:** Proprietary Glycol Ether 2.0 - 2.5

**New Jersey Right To Know:** Proprietary Glycol Ether 2.0 - 2.5

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**Innotech Ultra Seal 100 VOC (glass & matte)**

SDS Number:

Revision Date: 6/23/2019

Page 5 of 5

**16**

**OTHER INFORMATION**

The information on this SDS is provided in good faith in the interest of product safety and believed to be accurate to the best of our knowledge. However, ChromaScape makes no guarantee and assumes no liability for the data contained. Users should conduct their own research regarding suitability for their purposes. Nothing contained in this SDS should be misconstrued as permission to violate any regulation. End users should follow all local, state, national and international regulations as apply.

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