

Innotech Solvent Seal 25 Low VOC

SDS Number:

Revision Date: 6/23/2019

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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 Solvent Seal 25 Low VOC
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, Acute toxicity, 5 Oral
- Health, Acute toxicity, 5 Dermal
- Health, Serious Eye Damage/Eye Irritation, 2 A
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Carcinogenicity, 2
- Environmental, Hazards to the aquatic environment - Acute, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

- H225 - Highly flammable liquid and vapor
- H303 - May be harmful if swallowed
- H313 - May be harmful in contact with skin
- H319 - Causes serious eye irritation
- H336 - May cause drowsiness or dizziness
- H351 - Suspected of causing cancer
- H401 - Toxic 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.

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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

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.

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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.

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 amber liquid

Odor: Sweet ketone

Odor Threshold: No data available

pH: None

Freezing/Melting Point: <-70° F

Boiling Point: 125° F

Flash Point: 0° F

Evaporation Rate: 14.4 (butyl acetate = 1)

Flammability (solid, gas): No data available

Lower/Upper Flammability: 1.0-13.0

Vapor Pressure: 185 mm Hg at 20° C

Vapor Density: 2.0

Density: 0.84 g/cc

Solubility in water: 26.75% by weight

Partition Coefficient: No data available

Auto-ignition Temperature: 850° F

Decomposition temperature: No data available

Viscosity: 16-18 centipoise

10 STABILITY AND REACTIVITY

Chemical Stability:

Reactivity:

Stable

Conditions to avoid:

Prevent vapor accumulation. Avoid heat and flames.

Incompatibility (Materials to Avoid):

Strong oxidizers, acids, alkalis, nitrates.

Hazardous Decomposition (Byproducts): Carbon monoxide, carbon dioxide, isobutylene, and acetic acid.

Hazardous Polymerization:

Should not occur.

11 TOXICOLOGICAL INFORMATION

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

Acute Toxicity Lethal Doses (ATE):

LC50 (inhl) 34.0 mg/l

LD50 (oral) 4902 mg/kg

LD50 (skin) 3802 mg/kg

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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 liver and kidney damage.

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: Causes redness, tearing, irritation of the eyes. Direct contact may will cause moderate eye irritation.

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

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 (0.0-0.9% w/w) of Naphthalene, which is IARC category 2B possible carcinogen.

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: LL50 (96 hr) 9.9 mg/L (Calculated)

Acute Toxicity to Aquatic Invertebrates: EL50 (48 hr) 2.9 mg/L (Calculated)

Toxicity to Aquatic Plants: EL50 algae 9.1 mg/L (Calculated)

Toxicity to Microorganisms: High concentrations may be harmful to sewage treatment plant microbes.

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 bioaccumulate.

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

Other Adverse Effects: No data available.

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: WARNING! This product contains a chemical known to the State of California to cause cancer.
 91-20-3 Naphthalene

Massachusetts Right To Know:

91-20-3	Naphthalene	0.0 - 0.9%
95-63-6	1,2,4-Trimethylbenzene	0.0 - 0.9%
108-67-8	1,3,5-Trimethylbenzene	0.0 - 0.2%
Proprietary	Glycol Ether	1.5 - 2.5%

Pennsylvania Right To Know:

Proprietary	Solvent Naphtha	15.0 - 18.0%
91-20-3	Naphthalene	0.0 - 0.9%
95-63-6	1,2,4-Trimethylbenzene	0.0 - 0.9%

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	108-67-8	1,3,5-Trimethylbenzene	0.0 - 0.2%
	Proprietary	Glycol Ether	1.5 - 2.5%
New Jersey Right To Know:	Proprietary	Solvent Naptha	15.0 - 18.0%
	91-20-3	Naphthalene	0.0 - 0.9%
	95-63-6	1,2,4-Trimethylbenzene	0.0 - 0.9%
	108-67-8	1,3,5-Trimethylbenzene	0.0 - 0.2%
	Proprietary	Glycol Ether	1.5 - 2.5%

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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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