

Safety Data Sheet



Innotech Epoxy Primer

Section 1 Product Description

Recommended Use: Concrete sealer
Supplier: ChromaScape Inc. 2055 Enterprise Pkwy. Twinsburg OH 44087 330-998-7574
Emergency Phone: Chemtrec: 1-800-424-9300

Section 2 Hazard identification

Part A:

Category 5 Acute Dermal Toxicity

Category 5 Acute Oral Toxicity

Category 2B Eye Irritant

Signal word:

Warning

Hazard Statement:

H303 May be harmful if swallowed
H313 May be harmful in contact with skin
H320 Causes eye irritation

Precautionary Statement:

Prevention:

P102 Keep out of reach of children
P264 Wash hands thoroughly after handling
P270 Do not eat, drink, or smoke while using this product
P234 Keep only in original container
P271 Use only in a well-ventilated area
P285 In case of inadequate ventilation, wear respiratory protection
P280 Wear protective gloves and eye protection

Response:

P370+P378 In case of fire: Use extinguishing agent suitable for surrounding fire for extinction
P302+P352 IF ON SKIN: Wash with plenty of soap and water
P332+P313 If skin irritation occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P301+P313 IF SWALLOWED: Get medical advice/attention.
P331 Do not induce vomiting.

Storage:

P403+P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/container in accordance with applicable local and federal laws and regulations, and product characteristics at time of disposal.

Safety Data Sheet

Part B:

Category 4 Acute Dermal Toxicity

Category 2 Skin Irritant

Category 2A Eye Irritant



Signal word:

Warning

Hazard Statement:

H312 Harmful in contact with skin

H315 Causes skin irritation

H319 Causes serious eye irritation

Precautionary Statement:

Prevention:

P102 Keep out of reach of children

P264 Wash hands thoroughly after handling

P270 Do not eat, drink, or smoke while using this product

P234 Keep only in original container

P271 Use only in a well-ventilated area

P285 In case of inadequate ventilation, wear respiratory protection

P280 Wear protective gloves and eye protection

Response:

P370+P378 In case of fire: Use extinguishing agent suitable for surrounding fire for extinction

P302+P352 IF ON SKIN: Wash with plenty of soap and water

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

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P331 Do not induce vomiting.

Storage:

P403+P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/container in accordance with applicable local and federal laws and regulations, and product characteristics at time of disposal.

Section 3

Composition/ Information on Ingredients

	<u>CAS #</u>	<u>Conc. (wt%)</u>
Part A		
Alkyl Phenol Polyether	Proprietary	39.0 – 70.0
2-Propoxyethanol	2807-30-9	3.5 – 10.0
Dihydrogen Oxide	7732-18-5	15.0 – 30.0
Part B		
Aliphatic polyamine	Proprietary	25.0 – 40.0
Phenol, 2,4,6-Tris((dimethylamino)methyl)-	90-72-2	0.5 – 1.0

Safety Data Sheet

2-Propoxyethanol	2807-30-9	5.0 – 16.0
2-Butoxyethanol	111-76-2	1.0 – 3.0
Dihydrogen Oxide	7732-18-5	45.0 – 55.0

Section 4 First Aid Measures

Emergency First Aid Procedures

Skin: Immediately flush with water for 15 minutes. If irritation develops, get medical attention.

Eyes: Flush with a gentle but large stream of clean water for 15 minutes, lifting the lower and upper eyelids occasionally. If irritation develops, get medical attention.

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

Ingestion: Immediately drink 1-2 glasses of water. If irritation develops, get medical attention. Do not administer anything by mouth to an unconscious person.

Section 5 Firefighting Procedures

Extinguishing Media: Use extinguishing media suitable for surrounding fire.

Flash Point (TCC): N/A

Flammable Limits (% volume in air for solvents): LEL=N/A UEL=N/A

Special Fire Fighting Procedures: Firefighters wear NIOSH approved self-contained breathing apparatus. Cool containers exposed to fire with water.

Section 6 Spill or Leak Procedures

Steps to Take if Material is Released or Spilled: No health effects expected from the clean-up of the material if contact can be avoided. Follow the protection information found in Section 8 of this SDS. Absorb spillage in suitable inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water.

Section 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.

Waste Disposal Method: Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with federal, state, and local guidelines.

Special Precautions: Avoid freezing. Store in a cool, dry place with adequate ventilation.

Section 8 Protection Information

Respiratory Protection: Use NIOSH-approved organic vapor respirator when exposure levels cannot be maintained below limits or the chance of mist inhalation is present.

Ventilation: Provide adequate mechanical ventilation to keep exposure levels low.

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.

Section 9 Physical Data

Appearance: Milky, opaque liquid (Part A); Clear to slightly hazy amber liquid (Part B)

Odor: Amine

Odor Threshold: No data available

pH: 8.5-9.5

Freezing/Melting Point: Not determined

Boiling Point: >212° F

Flash Point: N/A

Evaporation Rate: Not determined

Flammability (solid, gas): Non-flammable liquid

Upper/lower Flammability: Not determined

Vapor Pressure: 1.7 hPa (@ 25°C)

Vapor Density: 4.0 (air=1)

Relative Density: 1.06 g/cc

Safety Data Sheet

Solubility: Miscible with water
Partition Coefficient: Not determined
Auto-ignition Temperature: Not determined
Decomposition temperature: Not determined
Viscosity: Not determined

Section 10 Reactivity Data

Reactivity: Stable under normal conditions.
Conditions to avoid: Strong oxidizers.
Materials to avoid: Strong oxidizing agents, strong acids, strong alkalis.
Hazardous decomposition products: Produces normal products of combustion
Hazardous Polymerization: Will not occur.

Section 11 Toxicity Data

Carcinogen: No.
Routes of Exposure: Inhalation, ingestion, eyes, and skin.
Part A (ATE):
Oral: 2469 mg/kg
Inhalation: 283 mg/kg
Dermal: 2463 mg/kg

Part B (ATE):
Oral: 5681 mg/kg
Inhalation: 371 mg/kg
Dermal: 1669 mg/kg

Health Hazards:

Acute: May cause CNS depression. Irritating to respiratory system. May cause slight skin irritation. Inhalation of vapor/mist may irritate nose and throat. Ingestion of large quantities may cause drowsiness, dizziness, confusion, or loss of coordination. Direct eye contact may cause serious irritation.

Chronic: Prolonged and repeated exposures can cause serious skin irritation. Contains material that can cause target organ damage to blood and central nervous system. Contains material that may cause birth defects, based on animal data.

Skin Contact: Prolonged or repeated contact may cause mild irritation.

Eye Contact: Direct contact will cause serious eye irritation.

Inhalation: May cause irritation to respiratory system.

Ingestion: May cause nausea, abdominal discomfort, target organ damage to CNS and blood.

Carcinogen: No known significant effects or critical hazards.

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

Section 12 Ecological Data

Acute

Part A:
No data available

Part B:
No data available

Chronic

Part A:
No data available

Part B:
No data available

Persistence and Degradability

Biodegradation

2-Butoxyethanol	90.4% (28 d) Readily biodegradable
2-Propoxyethanol	No data available
Alkyl Phenol Polyether	No data available

Safety Data Sheet

Aliphatic Polyamine No data available
Phenol, 2,4,6-Tris((dimethylamino)methyl)- No data available

Bioaccumulation Potential

2-Butoxyethanol Low potential to bioaccumulate
2-Propoxyethanol No data available
Alkyl Phenol Polyether No data available
Aliphatic Polyamine No data available
Phenol, 2,4,6-Tris((dimethylamino)methyl)- No data available

Mobility in the Soil:

2-Butoxyethanol Expected to partition to water
2-Propoxyethanol No data available
Alkyl Phenol Polyether No data available
Aliphatic Polyamine No data available
Phenol, 2,4,6-Tris((dimethylamino)methyl)- No data available

Other Adverse Effects: None.

Section 13 Disposal Information

Waste Disposal Method: Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with all Federal, State, and Local regulations.

Section 14 Transport Information

Proper Shipping Name: Non-Regulated Material

Hazard Class: N/A

UN: N/A

Packing Group: N/A

Marine Pollutant: No

Section 15 Regulatory Information

SARA 311/312: Yes-Acute health hazard, Chronic health hazard

CHEMICAL INVENTORIES

SARA 313: 2-Propoxyethanol (8.7% by weight of Part A); 2-Butoxyethanol (2.95% by weight of Part B)

All ingredients of this product are listed or are exempt from listing on the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

California Proposition 65 Carcinogens and Reproductive Toxins: None

CEPA and Canadian DSL: 2-Butoxyethanol and 2-Propoxyethanol are listed on the Canadian DSL or otherwise comply with CEPA new substance notification requirements.

Section 16 Additional Information

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

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.