

Innotech Epoxy Primer

SDS Number:

Revision Date: 12/11/19

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

ChromaScape
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 Twinsburg, OH 44087

Phone: 877-829-7880
Web: www.chromascape.com

Phone: Chemtrec:1-800-424-9300

Product Identifier: Innotech Epoxy Primer
Revision Date: 12/11/19
Version: 1.0
CAS Number: Mixture
Chemical Family: Epoxy Primer
Product Use: Primer

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

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

- Health, Acute toxicity, 5 Oral
- Health, Acute toxicity, 5 Dermal
- Health, Skin corrosion/irritation, 2
- Health, Serious Eye Damage/Eye Irritation, 2 A
- Health, Serious Eye Damage/Eye Irritation, 2 B

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

- H303 - May be harmful if swallowed
- H313 - May be harmful in contact with skin
- H315 - Causes skin irritation
- H319 - Causes serious eye irritation
- H320 - Causes eye irritation

GHS Precautionary Statements:

No GHS precautionary statements indicated

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

- Route of Entry:** Eyes, skin, inhalation, ingestion
- Target Organs:** Skin; Eyes; respiratory system; digestive system.
- Inhalation:** May cause acute irritation and caustic burns to respiratory system. Prolonged contact may result in respiratory diseases including silicosis. Product contains crystalline silica which can cause silicosis in long term exposure. Use respiratory protection during handling of the dry product that results in an abundance of airborne particulate.
- Skin Contact:** Prolonged repeated contact may cause irritation. Significant long term exposure may result in tissue damage and caustic burns.
- Eye Contact:** May cause eye irritation. Prolonged repeated contact may cause eye damage and caustic burns.
- Ingestion:** Prolonged repeated contact may cause irritation. Significant long term exposure may result in tissue damage and caustic burns.

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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.

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

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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.

3 COMPOSITION/INFORMATION OF INGREDIENTS

4 FIRST AID MEASURES

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

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

Eye Contact: 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.

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

Repeat and prolonged exposure to this product may cause permanent tissue damage by all routes of exposure. Use proper protective equipment. Use with adequate ventilation.

5 FIRE FIGHTING MEASURES

Flammability: Non-flammable
Flash Point: Non-combustible
Flash Point Method: N/A
Burning Rate: N/A
Autoignition Temp: N/A
LEL: N/A
UEL: N/A

Extinguishing Media: Use extinguishing media suitable for surrounding fire.
 Special Fire Fighting Procedures: Firefighters wear NIOSH approved self-contained breathing apparatus. Cool containers exposed to fire with water.

6 ACCIDENTAL RELEASE MEASURES

Do not discharge into drains or storm water.
 Solidify with inert absorbant material.
 Sweep up solid product and containerize.
 Dispose of waste properly.

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Avoid contact with spilled material. Follow the protection information found in Section 8 of this SDS. .

7 HANDLING AND STORAGE

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

Storage Requirements: 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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use in well ventilated areas. Control airborne dust particulate and keep dust to a minimum.

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

Physical State: Liquid

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

10 STABILITY AND REACTIVITY

Chemical Stability: Reactivity: Stable under normal conditions.

Conditions to Avoid: Conditions to avoid: Strong oxidizers.

Materials to Avoid: Materials to avoid: Strong oxidizing agents, strong acids, strong alkalis.

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Hazardous Decomposition: Hazardous decomposition products: Produces normal products of combustion

Hazardous Polymerization: Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

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.

12 ECOLOGICAL INFORMATION

Persistence and Degradability

Biodegradation

2-Butoxyethanol 90.4% (28 d) Readily biodegradable
 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

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

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off work area, and final rinsing should be absorbed or vacuumed and disposed of in

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accordance with regulations.

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

14 TRANSPORT INFORMATION

Not classified

Proper Shipping Name: Non-Regulated Material

Hazard Class: N/A

UN: N/A

Packing Group: N/A

Marine Pollutant: No

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.

CA Prop 65: Does not contain listed substances.

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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