

## Innotech Stampable Overlay - Tint Pack

SDS Number:

Revision Date: 3/05/15

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

ChromaScape, Inc.  
2055 Enterprise Pkwy  
Twinsburg, OH 44087

#### Vendor

**Phone:** 877-829-7880  
**Web:** www.ChromaScape.com

**Phone:** Chemtrec:1-800-424-9300

**Product Name:** Innotech Stampable Overlay - Tint Pack  
**Revision Date:** 3/05/15  
**Version:** 1.0  
**CAS Number:** Mixture  
**Chemical Family:** Concrete additive  
**Chemical Formula:** Calcium silicate compounds with iron oxides, Chromium (III) Green oxide and Cobalt Blue  
**Synonyms:** Tint Pack

### 2 HAZARDS IDENTIFICATION

**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.

GHS Signal Word:  
DANGER

GHS Hazard Pictograms:



GHS Classifications:  
Environmental, Hazards to the aquatic environment - Acute, 3  
Health, Acute toxicity, 5 Dermal  
Health, Acute toxicity, 5 Oral  
Health, Serious Eye Damage/Eye Irritation, 1  
Health, Respiratory or skin sensitization, 1 Respiratory  
Health, Acute toxicity, 4 Inhalation

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**GHS Phrases:**

- H402 - Harmful to aquatic life
- H313 - May be harmful in contact with skin
- H303 - May be harmful if swallowed
- H318 - Causes serious eye damage
- H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H332 - Harmful if inhaled

**GHS Precautionary Statements:**

- P264 - Wash \_ thoroughly after handling.
- P352 - Wash with soap and water.

Emergency overview: Immediate or delayed hazard: Product can cause serious skin or eye injuries in the form of chemical or caustic burns.

**Human Health Hazards:**

**Chronic Health hazard** - Product contains small amount of crystalline silica. Prolonged exposure can result in respiratory disorders such as silicosis and lung cancer and other lung damages. Do not inhale. Use with respiratory protection and adequate ventilation.

**Acute Health Hazard** - The product can be caustic and exposure can result in skin damage. Use proper hand, skin and eye protection.

GHS classification definitions:

Note: Under GHS the higher the number the greater and more immediate the health hazard is. The lower the number the lower the hazard is.

The classification approach taken in the GHS (i.e., assigning higher category numbers to denote less serious hazards) is consistent with the approach used in the DOT transport regulations for many years.

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### COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

Component	CAS	Percent
Chrome Oxide Green	1308-38-9	>1 %
Cobalt Compound	1345-16-0	>0.1%
Crystalline Silica	14808-60-7	>0.1%

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### FIRST AID MEASURES

- Inhalation:** Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if coughing and breathing difficulties persist, seek medical attention. Portland Cement may contain free crystalline silica. Prolonged exposure to airborne free crystalline silica may cause delayed lung injury including silicosis.
- Skin Contact:** Wash contacted area with pH-neutral soap and cool water; Do NOT attempt to neutralize with chemical agents. If irritation persists, seek medical attention.
- Eye Contact:** Do NOT rub eyes. Check for and remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.
- Ingestion:** Drink large quantities of water or milk. Never give anything by mouth to an unconscious person; seek medical attention immediately.

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### 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

Flash point: N/A      LEL:      UEL:  
                  N/A      N/A

Suitable extinguishing media: Dry chemical water spray, CO2 or foam; water fog - not direct water stream  
during fire-fighting: Not combustible

Hazards

Protective equipment for fire-fighting: Normal appropriate equipment/gear

### 6 ACCIDENTAL RELEASE MEASURES

Do not discharge in storm water. Prevent flow to storm drains. Sweep solid. Contain spill waste and debris. Dispose of waste properly.

Dispose of in accordance with federal, state and local regulations. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and /or hazardous waste disposal and other requirements listed in pertinent environmental permits.

Not hazardous waste.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Wash thoroughly after handling.

**Storage Requirements:** Handling:  
General advice - Wash thoroughly after use.

Storage:  
General advice- Keep dry, store at room temperature in unopened, original container; or tightly sealed, labeled container. Protect from physical damage. Store away from food and drink.

Shelf Life:  
2 years

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Advice on system design:  
Use adequate general or local exhaust ventilation to minimize exposure.

**Personal Protective Equip:** HMIS PP, E | Safety Glasses, Gloves, Dust Respirator

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Personal protective equipment:

Eye protection: If working in confined area where mist is heavy, it is advisable to wear safety goggles or glasses with side shields to reduce exposure.

Skin protection: Gloves; optional - coveralls or apron to reduce skin contact

Respiratory protection: Avoid breathing vapor or mist. Respiratory protection programs must comply with OSHA CFR 29 1910.134.

General safety and hygiene measures: Wear gloves; wash thoroughly with soap and water after handling.

### **Advice on system design:**

Use adequate general or local exhaust ventilation to minimize exposure.

### **Personal protective equipment (HMIS rating 'F'):**

Eye protection: If working in confined area where mist is heavy, it is advisable to wear safety goggles or glasses with side shields to reduce exposure.

Skin protection: Gloves; optional - coveralls or apron to reduce skin contact

Respiratory protection: Avoid breathing vapor or mist. Respiratory protection programs must comply with OSHA CFR 29 1910.134.

General safety and hygiene measures: Wear gloves; wash thoroughly with soap and water after handling.

### **Exposure Guidelines:\***

ACGIH TLV: 10 mg/m<sup>3</sup> ACGIH TLV 0.025mg/m<sup>3</sup> respirable fraction quartz.

STEL: N/A

OSHA PEL: \*Total dust = 15 mg/m<sup>3</sup> TWA, Respirable = 5 mg/m<sup>3</sup> TWA; ACGIH TLV 0.025mg/m<sup>3</sup> respirable fraction quartz

Cobalt metal, dust and fumes as (CO): OSHA PEL 0.1 mg/m<sup>3</sup>; ACGIH TLV 0.02 mg/m<sup>3</sup>.  
Chromium (III) Oxide : OSHA PEL 0.5 mg/m<sup>3</sup>; ACGIH TLV 0.5 mg/m<sup>3</sup>.

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### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Various colored solid, gritty powder.	<b>Odor:</b>	Earthy odor.
<b>Physical State:</b>	Solid	<b>Solubility:</b>	Slight solubility.
<b>Spec Grav./Density:</b>	1.5 - 2.5.	<b>Softening Point:</b>	Not applicable
<b>Viscosity:</b>	Not applicable	<b>Freezing/Melting Pt.:</b>	Not applicable
<b>Boiling Point:</b>	Not applicable	<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Not flammable	<b>Vapor Density:</b>	Not applicable
<b>pH:</b>	12 to 13 in water	<b>VOC:</b>	Not applicable
<b>Evap. Rate:</b>	Not applicable	<b>Auto-Ignition Temp:</b>	Not applicable
		<b>UFL/LFL:</b>	Not applicable.

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### STABILITY AND REACTIVITY

<b>Stability:</b>	Non - reactive.
<b>Conditions to Avoid:</b>	Avoid contact with water.

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**Materials to Avoid:** Strong acids, ammonium salt and phosphorus.

**Hazardous Decomposition:** Adding water creates a caustic solution.

**Hazardous Polymerization:** None

### 11 TOXICOLOGICAL INFORMATION

This product has had no toxicology testing.  
Harmful if ingested.

**Eye Effects:** May cause eye irritation and burns. Reacts with moisture in the eye and may become caustic

**Skin Effects:** May cause skin irritation and burns if wet. May react with moisture on skin and become caustic

**Acute Inhalation Effects:** May cause acute respiratory irritation.

**Chronic Effects:** Contains low levels of crystalline silica connected with silicosis and chronic respiratory disease with chronic excessive exposure. Handle with proper respiratory protection.

**Carcinogenicity:** One or more components may cause cancer.

**Mutagenicity:** Not Known.

**Teratogenicity:** Not Known.

**IARC:**

Some studies indicate potential for lung cancer or lung injury including silicosis.

**OSHA:**

Crystalline silica (quartz) is not regulated as a human carcinogen but as a toxic and hazardous substance by OSHA.

### 12 ECOLOGICAL INFORMATION

Ecological testing has not been performed on this product.

Dispose of contents and container properly.

Prevent contact with waterways and storm drains.

Acute and prolonged toxicity to fish: Unspecified

Toxicity to microorganisms: Unspecified

### 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 accordance with regulations.

Container disposal:

Dispose of at an approved landfill in accordance with local, state, federal and national regulations

### 14 TRANSPORT INFORMATION

UN #: Not classified

**Land transportation:**

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Not regulated

**Sea transportation:**

IMDG: Not regulated

**Air transportation:**

IATA/ICAO: Not regulated

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### REGULATORY INFORMATION

Regulatory information:

OSHA hazard category: Crystalline silica (quartz) is not regulated as a human carcinogen but as a toxic and hazardous substance.

RCRA This mixture and or its contents are not a hazardous waste if disposal is required

CERCLA Components of this mixture are not CERCLA hazardous substances.

CONEG This mixture and or its contents meet the CONEG limits for the sum of the levels of Lead, Cadmium, Mercury, and Hexavalent Chromium of less than 100 PPM by weight.

RoHS Product does not contain RoHS restricted substances.

ODC This mixture does not contain any Ozone Depleting Compounds.

TOX This mixture does not contain any Organic Halogens (EPA 9020)

CAA of 1990

This mixture is not made with nor does it contain any Class 1 or Class 2 ozone depleting substances as defined under the 1990 amendments to the act.

SARA (302)

This mixture does not contain any constituents that are identified as extremely hazardous.SARA (302)

SARA (311/312)

Portland cement qualifies as a hazardous substance with delayed health effects. Portland cement may contain crystalline silica which is classified by the IARC as a known carcinogen. Some studies indicate potential for lung cancer or lung injury including silicosis. Reportable in quantities over 10,000 lbs.

CA Prop 65

This product contains a chemical(s) known to the state of California to

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cause cancer and/or birth defects or other reproductive harm. Pursuant to the California Safe Drinking Water and Toxic Enforcement Act of 1986, we are required to provide the above warning in the absence of definitive testing showing that risks from long-term exposure to chemicals present in our formulations do not exist. To the best of our knowledge, this product complies with all Federal and State laws and regulations governing its manufacturing, distribution, and intended use.

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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.