

Innotech Self Resurfacer

SDS Number:

Revision Date: 8/11/19

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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Product Identifier: Innotech Self Resurfacer
Revision Date: 8/11/19
Version: 1.0
CAS Number: Mixture
Chemical Family: Cement based leveling underlayment
Product Use: Cement based re-surfacer

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

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

Health, Specific target organ toxicity - Single exposure, 3
 Health, Serious Eye Damage/Eye Irritation, 2 B
 Health, Skin corrosion/irritation, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H335 - May cause respiratory irritation
 H320 - Causes eye irritation
 H316 - Causes mild skin irritation

GHS Precautionary Statements:

P102 - Keep out of reach of children.
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
 P262 - Do not get in eyes, on skin, or on clothing.
 P302 - IF ON SKIN: _
 P352 - Wash with soap and water.
 P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P281 - Use personal protective equipment as required.

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.

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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.

Primary Entry Routes: Inhalation, ingestion, skin contact, eye contact

Target Organs or Systems: Contains material which may cause damage to upper respiratory tract, mucous membranes, eyes, nose, sinus, etc. if comes in contact.

Signs and Symptoms of Exposure (Acute Effects):

Inhalation: Cough, sore throat

Ingestion: Burning sensation

Skin Contact: Dry skin, redness and irritation

Eye Contact: Redness, burning sensation and irritation

Signs and Symptoms of Exposure (Chronic Effects): Repeated or prolonged contact with skin may cause dermatitis. Repeated or prolonged contact may cause skin sensitization.

Aggravation of Pre-Existing Conditions: Pre-existing conditions involving any of the above mentioned target organs or systems may be aggravated by this product.

3 COMPOSITION/INFORMATION OF INGREDIENTS

4 FIRST AID MEASURES

Skin Contact:

Eye Contact:

Eye Contact: Lightly blow away any powder residue and immediately flush with water for 15 minutes. Remove contact lenses if easily possible. Seek medical attention if irritation occurs.

Skin Contact: Immediately flush affected area with water for 15 minutes. Remove and wash any contaminated clothing. Seek medical attention if irritation occurs.

Inhalation: Move affected individual to fresh air and seek medical attention immediately.

Ingestion: Immediately rinse mouth out with water. Do not induce vomiting. Seek immediate medical attention.

5 FIRE FIGHTING MEASURES

Flammable Properties: N/A. Product is not combustible.

Suitable Extinguishing Media: Use any extinguishing media suitable for the surrounding fire.

Protection of Firefighters: Firefighters should wear self-contained breathing apparatus and full fire fighting turn-out gear.

Chemical Hazards: Mixed with water the product will produce an alkaline solution, which can cause skin irritation.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate contaminated area. Do not walk through spilled material. Increase ventilation and wear protective clothing and respiratory protection.

Environmental Precautions:

Keep spilled material and runoff from entering drains, sewers, ditches and waterways.

Minimize use of water to prevent environmental contamination.

Methods for Clean-up: Avoid generating dust. Vacuum, shovel or sweep up spilled material and place in a tightly sealed

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drum for proper disposal.

7 HANDLING AND STORAGE

Handling Precautions: Handling: Wear appropriate protective clothing and dust masks when there is risk of exposure. Minimize unnecessary personal contact.
 Workers should wash hands and face before eating and drinking.

Storage Requirements: Storage: Store in original container whenever possible. Store in a cool, dry, well-ventilated area out of direct sunlight. Do not store in the vicinity of food and drink. Keep in sealed container until needed.

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:
Eye/Face Protection: Use safety goggles for mechanical mixing, spraying and overhead applications.
Skin Protection: Wear rubber or plastic gloves for prolonged exposure.
Respiratory Protection: Under normal conditions, use of a dust mask is recommended. In cases where airborne concentrations are expected to exceed exposure limits, wear a NIOSH approved air-purifying device.
General Hygiene Considerations: Wash all exposed skin after handling materials and before eating, drinking or using a lavatory.
 Launder all clothes and wash protective gear once finished using materials.

PRODUCT NAME EXPOSURE LIMITS

PRODUCT NAME	OSHA PEL TWA	ACGIH TLV TWA
Portland Cement	15 mg/m ³	5 mg/m ³
Crystalline Quartz Sand	0.1 mg/m ³	0.025 mg/m ³
Calcium Sulfate	5 mg/m ³	5 mg/m ³
Calcium Aluminate Cement	N/Av N/Av	
Lithium Carbonate	15 mg/m ³	10 mg/m ³
Slag (Recycled By-product)	N/Av N/Av	

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid

Physical State: Dry powder
Appearance: Grey powder
Odor Threshold: N/Av
pH (10% Solution in Water): 10-12
Boiling Point: N/Av
Specific Gravity (H₂O=1): 1.0
Vapor Pressure (mm Hg): None
Vapor Density (Air=1): None
Solubility in Water: Slight, less than 1%
Evaporation Rate (Butane Acetate=1): N/A
Evaporation Rate (ETHER=1): N/A
Melting/Freezing Point: N/Av
Fresh Weight Density: 2.00 +/- 0.05 kg/l

10 STABILITY AND REACTIVITY

Chemical Stability: Products are stable under prescribed storage and handling conditions.

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- Conditions to Avoid:** Avoid exposure without appropriate protective work clothing and dust masks. Protect from hot, wet and humid conditions.
- Materials to Avoid:** Products are incompatible with strong acids.
- Hazardous Decomposition:** Under normal storage and use conditions, neither hazardous decomposition nor polymerization should occur.
- Hazardous Polymerization:** When mixed with water, products produce hydration and an alkaline solution, which can cause skin irritation.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: No toxic data is available for this product. The information shown in SECTION 2 (HAZARDOUS IDENTIFICATION) and SECTION 8 (EXPOSURE CONTROLS) are the toxicity profiles for a number of Portland cement or similar products.

Carcinogenicity: This product contains crystalline silica - quartz is classified as carcinogen by OSHA (OSHA select carcinogen), IARC (Group 1), ACGIH (Group A2), NTP (Group 1). Over aggravated exposure can cause cancer hazard.

Reproductive Effects: Not known

12 ECOLOGICAL INFORMATION

Environmental Effects: No known significant effects; should avoid entering into drains or deposited which can affect ground and surface waters.

Ecotoxicity: N/Av

Degradability: N/Av

Bioaccumulation: N/Av

Mobility: N/Av

13 DISPOSAL CONSIDERATIONS

Waste Disposal: Disposal should be in accordance with applicable regional, national and local laws and regulations. Avoid spillage of material and prevent material or runoff from entering drains, sewers, ditches and waterways. Minimize use of water to prevent environmental contamination.

14 TRANSPORT INFORMATION

Not classified

DOT Classification Not Regulated

TDG Classification Not Regulated

ADR/RID Class Not Regulated

IMDG Class Not Regulated

IATA-DGR Class Not Regulated

15 REGULATORY INFORMATION

US FEDERAL REGULATIONS:

United States Inventory (TSCA 8b): Not determined

SARA 302/304/311/312 Extremely Hazardous Substances: No products were found.

SARA 302/304 Emergency Planning and Notification: No products were found.

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SARA 302/304/311/312 Hazardous Chemicals:

Cement, Portland, chemicals

SARA 311/312 MSDS Distribution - Chemical Inventory - Hazard Identification:

Cement, Portland, chemicals: Immediate (acute) health hazard

EU GUIDELINES:

This product has been established and marked in accordance with EU Directive/Ordinance on non-hazardous materials.

AUSTRALIAN CODE:

Under the Australian Code for Transport of Dangerous Goods by Road and Rail,

This product is not classified as Dangerous Goods.

CANADIAN INFORMATION:

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

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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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