

ICS Premium Gloss Sealer

SDS Number:

Revision Date: 8/24/19

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

ChromaScape
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 Twinsburg, OH 44087

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Product Identifier: ICS Premium Gloss Sealer

Revision Date: 8/24/19

Version: 1.0

CAS Number: Mixture

Chemical Family: Concrete sealer

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

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

- Physical, Flammable Liquids, 3
- Health, Aspiration hazard, 1
- Health, Skin corrosion/irritation, 2
- Health, Serious Eye Damage/Eye Irritation, 2 A
- Health, Acute toxicity, 3 Inhalation
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Carcinogenicity, 2
- Health, Reproductive toxicity, 1
- Health, Specific target organ toxicity - Repeated exposure, 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:

- H226 - Flammable liquid and vapor
- H304 - May be fatal if swallowed and enters airways
- H315 - Causes skin irritation
- H319 - Causes serious eye irritation
- H331 - Toxic if inhaled
- H335 - May cause respiratory irritation
- H336 - May cause drowsiness or dizziness
- H351 - Suspected of causing cancer
- H360 - May damage fertility or the unborn child
- H373 - May cause damage to organs through prolonged or repeated exposure
- 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 _ thoroughly after handling.
- P271 - Use only outdoors or in a well-ventilated area.
- P281 - Use personal protective equipment as required.

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P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P332 - If skin irritation occurs: _
 P362 - Take off contaminated clothing and wash before reuse.
 P370+378 - In case of fire: Use dry sand, dry chemical, alcohol resistant foam for extinction.
 P403+233 - Store in a well ventilated place. Keep container tightly closed.
 P411+235 - Keep cool.
 P501 - Dispose of contents/container in accordance with regulations.

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.

3 COMPOSITION/INFORMATION OF INGREDIENTS

4 FIRST AID MEASURES

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): 106° F
Flammable Limits (% volume in air for solvents): LEL=1.0 UEL=7.0
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.

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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 Requirements: 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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation: Provide adequate mechanical ventilation to keep exposure levels below TLV's.
Personal Protective Equipment: Respiratory Protection: Use NIOSH-approved organic vapor respirator when exposure levels can't be kept below limits.
 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.

	<u>CAS #</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH(TLV-TWA)</u>	<u>Conc.(wt. %)</u>
Acrylic Polymer	Proprietary	Not established	Not established	24.0 - 26.0
Glycol Ether	Proprietary	50 ppm	20 ppm	2.0-2.5
Diocetyl Phthalate	117-81-7	5 ppm	5 ppm	0.1 - 0.15
p-Dodecylphenol	210555-94-5	5 ppm	5 ppm	0.1 - 0.15
Light Solvent Naphtha	64742-95-6	None Established	None Established	42.0 - 71.0
Solvent Naphtha	Proprietary	17 ppm	5 ppm	1.0 - 1.5
Cumene	98-82-8	50 ppm	50 ppm	3.0 - 7.0
1,2,4 Trimethylbenzene	95-63-6	25 ppm(1989 std.)	25 ppm	21.0 - 30.0
Cymenes	25155-15-1	None Established	None Established	0.7 - 1.0
Xylene isomers	1330-20-7	100 ppm	100 pm	0.7 - 3.5
Benzene, Trimethyl-	25551-13-7	25 ppm	25 ppm	

Composition

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid (lightly-colored liquid for semi-transparent)
Odor: Aromatic hydrocarbon
Odor Threshold: 0.07 ppm
pH: None
Freezing/Melting Point: -76° F
Boiling Point: 154° F
Flash Point: 106° F

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Evaporation Rate: 0.15 (butyl acetate = 1)
Flammability (solid, gas): Flammable Liquid
Lower/Upper Flammability: 1.0-7.0
Vapor Pressure: 2.5 mm of Hg at 20° C
Vapor Density: 4.3
Relative Density: 0.93 g/cc
Solubility: <1% w/w in water
Partition Coefficient: No data available
Auto-ignition Temperature: 462° C
Decomposition temperature: No data available
Viscosity: 100 centipoise

10 STABILITY AND REACTIVITY

Chemical Stability: Reactivity: table

Conditions to Avoid: Conditions to avoid: Prevent vapor accumulation. Avoid heat and flames.

Materials to Avoid: Incompatibility (Materials to Avoid): Strong oxidizers.

Hazardous Decomposition: Hazardous Decomposition (Byproducts): Carbon monoxide and carbon dioxide.

Hazardous Polymerization: Hazardous Polymerization: Should not occur.

11 TOXICOLOGICAL INFORMATION

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

Acute Toxicity Lethal Doses (ATE):

LC50 (inh) 6.3 mg/l
 LD50 (oral) 6452 mg/kg
 LD50 (skin) 6173 mg/kg

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 hearing loss. May cause anemia, decreased blood cell count, and bone marrow hypoplasia. Liver and kidney damage may occur.

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: May cause redness, tearing, and irritation of the eyes. Direct contact may cause permanent eye damage.

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

Ingestion: May be harmful if swallowed. Aspiration of the material into the lungs can cause chemical pneumonitis, which can be fatal.

Carcinogen: Contains ingredients suspected of causing cancer in humans:

Light Solvent Naphtha 64742-95-6 (IARC Group 2B)
 Cumene 98-82-8 (IARC Group 2B)

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: LC50 10.1 mg/L (calculated)
Acute Toxicity to Aquatic Invertebrates: LC50 4.4 mg/L (calculated)
Toxicity to Aquatic Plants: EC50 3.20 mg/L (calculated)
Toxicity to Microorganisms: No data available
Chronic Toxicity to Fish: No data available

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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: None established

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 for hazardous waste.

14 TRANSPORT INFORMATION

UN1263
For Domestic (US) Ground Transport: Non-Regulated Material in <119-gallon containers

For other modes:
Proper Shipping Name: PAINT
Hazard Class: 3
UN: UN1263
Packing Group: PGIII
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.
 98-82-8 Cumene
 71-43-2 Benzene
 WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
 71-43-2 Benzene
 117-81-7 bis(2-Ethylhexyl) phthalate

Massachusetts Right To Know:

25551-13-7	Benzene, Trimethyl-	35.5 - 42.5
95-63-6	1,2,4-Trimethylbenzene	21.0 - 30.0
98-82-8	Cumene	3.0 - 7.0
1330-20-7	Mixed Xylenes	0.7 - 3.5
117-81-7	bis(2-Ethylhexyl) phthalate	0.1 - 0.2
Proprietary	Glycol Ether	2.0 - 2.5

Pennsylvania Right To Know:

64742-95-6	Light Solvent Naphtha	42.0 - 71.0
Proprietary	Solvent Naphtha	1.0 - 1.5
25551-13-7	Benzene, Trimethyl-	35.5 - 42.5
95-63-6	1,2,4-Trimethylbenzene	21.0 - 30.0
98-82-8	Cumene	3.0 - 7.0
1330-20-7	Mixed Xylenes	0.7 - 3.5
117-81-7	bis(2-Ethylhexyl) phthalate	0.1 - 0.2
Proprietary	Glycol Ether	2.0 - 2.5

New Jersey Right To Know:

64742-95-6	Light Solvent Naphtha	42.0 - 71.0
Proprietary	Solvent Naphtha	1.0 - 1.5
25551-13-7	Benzene, Trimethyl-	35.5 - 42.5
95-63-6	1,2,4-Trimethylbenzene	21.0 - 30.0
98-82-8	Cumene	3.0 - 7.0
1330-20-7	Mixed Xylenes	0.7 - 3.5
25155-15-1	Cymenes	0.7 - 1.0

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117-81-7	bis(2-Ethylhexyl) phthalate	0.1 - 0.2
Proprietary	Glycol Ether	2.0 - 2.5

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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