

Safety Data


GREEN SHIELD
PRODUCTS

1. Identification of Substance:

Product Name: GreenCoat Glaze

Product Use: Acrylic Sealant

Field of Application: building and metal industry

Identified uses: Industrial/Professional use

Company Details:
Green Shield Products
Address:

 40 Cypress Creek Parkway #338
Houston, Texas 77090

Telephone:

(877) 476-7453

24-Hr. Emergency Phone Number:

CHEMTREC (800) 424-9300

2. Hazards Identification

GHS Ratings:

Skin sensitizer 1 Skin sensitizer

GHS Hazards

H302 Harmful if swallowed

H317 May cause an allergic skin reaction

GHS Precautions:

P201 Obtain special instructions before use

P202 Do not handle until all safety precautions have been read and understood P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P264 Wash hands thoroughly after handling

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

P272 Contaminated work clothing should not be allowed out of the workplace P273 Avoid release to the environment

P280 Wear protective gloves/protective clothing/eye protection/face protection P281 Use personal protective equipment as required

P321 Specific treatment is urgent (see Section 4 First Aid measures)

P330 Rinse mouth

P363 Wash contaminated clothing before reuse

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

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

P308+P313 IF exposed or concerned: Get medical advice/attention

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention

P405 Store locked up

P501 Dispose of contents/container in accordance with existing federal, state, and local environmental control laws.


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Signal Word: Danger



Acute Toxicity:

Eyes: May cause irritation & burns.

Skin: Minor potential for irritation.

Inhalation: Liquid may cause irritation.

Ingestion: May cause irritation & burns.

Conditions Aggravated: Unknown

Chronic Effects: Possible harmful target organ effects.

3. Composition/information on ingredients:

Chemical Name	CAS number	Weight Concentration %
Acrylic Polymers	22984-54-9	$\geq 45.00\%$ - $\leq 46.00\%$
Aqua Ammonia	1336-21-6	0.10% - 1.00%
Residual Monomers	N/A	$< 0.05\%$
Water	7732-18-5	$\geq 54.00\%$ - $\leq 55.00\%$

4. First Aid Measures:

After Inhalation: If symptoms ensue, move to fresh air. If breathing is difficult, give oxygen.

After Eye Contact: Rinse opened eye for at least 15 minutes under running water. Remove contact lenses if present and easy to do so, and continue rinsing.

After Skin Contact: Clean affected area with soap and plenty of water.

After Swallowing: Consult physician.

Notes to Physician: Treat symptomatically.



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5. Firefighting measures

LEL: N/A

UEL: N/A

Upper and lower explosive limits listed if known.

Suitable Extinguishing Agents: Water spray, CO2, Foam, Dry chemical

Information about Protection against Explosions and Fires: Closed containers may rupture when exposed to extreme heat.

Dangerous Products of Decomposition: Oxides of carbon, oxides of nitrogen, oxides of silicon.

Protective Equipment: Firefighters should wear a pressure demand self-contained breathing apparatus and protective clothing.

6. Accidental release measures

Person-Related Safety Precautions: Evacuate all non-essential personnel. Remove all sources of ignition.

Measures for Environmental Protection: Cover and contain spill with absorbent material. Collect for proper disposal according to local, state, and federal regulations.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece) Clean surface thoroughly to remove residual contamination.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

7. Handling and Storage

Information for Safe Handling: Avoid contact with skin or inhalation.

Storage Requirements: Store in dry, well ventilated area. Avoid contact with moisture. Keep containers tightly closed. Store between 60 F-100 F. Material may settle.

Regulatory Requirements: Store according to all local, state, and federal regulations. Avoid contact with skin or eyes. Immediately report spills or leaks. Use grounded or spark-resistant tools and equipment.

Storage Requirements: Store containers in a dry, well ventilated area. Keep containers tightly closed and prevent moisture contamination. Do not re-seal the container if contamination is suspected. Store between 60 F and 100 F. Avoid electrical (static) discharge.



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8. Exposure Controls and Personal Protection:

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Aqua Ammonia 1336-21-6	35 mg/m ³	25 mg/m ³	35 mg/m ³

Engineering Controls: No special measures required.

General Protective and Hygienic Measures: Usual precautionary measures should be adhered to when handling chemicals.

Personal Protective Equipment:

Respiratory Protection: None required if work area is properly ventilated..

Hand Protection: Protective butyl rubber or nitrile rubber gloves.

Eye Protection: Chemical safety goggles.

Body Protection: Impervious protective work clothing. Launder separately.

Contaminated Gear: Observe local requirements. Dispose of in accordance with local/state/federal regulations.

<p>Appearance: Viscous colored liquid</p> <p>Vapor Pressure: 17.0 mmHg @ 20 °C (68 °F) similar to water</p> <p>Vapor Density: <1.00 similar to water</p> <p>Specific Gravity: 1.34</p> <p>Freezing point: N/A</p> <p>Boiling range: 100 °C (212 °F) similar to water</p> <p>Evaporation rate: <1.00 similar to water</p> <p>Explosive Limits: N/A</p> <p>Autoignition temperature: N/A</p>	<p>Odor: Ammonia</p> <p>Odor threshold: N/A</p> <p>pH: 7.5 - 8.5</p> <p>Melting point: N/A</p> <p>Solubility: Dilutable</p> <p>Flash point: N/A</p> <p>Flammability: N/A</p> <p>Partition coefficient (n-octanol/water): N/A</p> <p>Decomposition temperature: N/A</p>
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10. Stability and Reactivity:

Incompatible Materials: Avoid contact with moisture, strong acids, strong bases, oxidizing and reducing agents.

Hazardous Polymerization: Not expected to occur

Dangerous Products of Decomposition: Thermal decomposition may yield acrylic monomers.

11. Toxicological Information:

Mixture Toxicity

Oral Toxicity LD50: > 5,000mg/kg

Inhalation Toxicity LC50: Not Available

Component Toxicity

1336-21-6 Aqua Ammonia
Inhalation LC50: 9.850 mg/l(Rat)

Toxicity Values Listed if Known

Acute Toxicity:

Eyes: May cause irritation & burns.

Skin: Minor potential for irritation. Inhalation: Liquid may cause irritation.

Inhalation: Liquid may cause irritation.

Ingestion: May cause irritation & burns.

Chronic Effects: Possible harmful target organ effects.

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

Target Organs: Eyes, skin, respiratory system, reproductive system.

Chemicals with Known or Possible Carcinogenic Effects: None



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12. Ecological Information:

General Information: Based on experience, no adverse effects are to be expected if correct disposal procedures have been followed as indicated in section 13.

Individual component ecotoxicity listed if known.

Component Ecotoxicity

Acute toxicity to fish	LC50, Oncorhynchus mykiss (rainbow trout), 96 Hour, >CUST-RH0000000000599, OECD Test Guideline 203 or Equivalent
Acute toxicity to algae/aquatic plants	EC50, Algae (Selenastrum capricornutum), 72 Hour, >100 ppm
Toxicity to bacteria	Microtox, 15 Minute EC50: >300 ppm

13. Disposal considerations

Recommendation: Observe local requirements. Dispose of in accordance with local/state/federal regulations.

Empty Container Precautions: Recondition or dispose of empty container in accordance with governmental regulations. If container is to be disposed, ensure all product residues are removed and container is empty prior to disposal.

14. Transport Information

DOT Regulated Components:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods unless specifically cited below:

Agency Proper	Shipping Name	UN Number	Packing Group	Hazard Class
	None			

15. Regulatory Information:

OSHA HAZARD COMMUNICATION STANDARD: This material is classified as non-hazardous in accordance with OSHA 29 CFR 1910.1200.

SARA 311/312 Hazard Categories: This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA.

California Proposition 65

(Safe Drinking Water and Toxic Enforcement Act of 1986)

WARNING: This product can expose you to chemicals listed below, which are known to the State of California to cause cancer, birth defects, or reproductive harm. For more information, visit www.P65Warnings.ca.gov



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Massachusetts Right To Know List:

None

New Jersey Right To Know List:

None

Pennsylvania Right To Know List:

None

SARA 302 Extremely Hazardous Substances:

- None

Chemicals subject to SARA 313 Reporting:

- None

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
Canada	Canada DSL	Yes
US	Toxic Substances Control Act	Yes

16. Other Information:

Safety Data Sheet issued by Product Safety Department

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Green Shield Products. The data on these sheets relates only to the specific material designated herein. Green Shield Products assumes no legal responsibility for use or reliance upon this data. It is the user's responsibility to ensure that their activities comply with federal, state, or local laws

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Reviewer Revision 1

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