

# Safety Data


**GREEN SHIELD**  
PRODUCTS

## 1. Identification of Substance:

**Product Name:** GreenPrime SP

**Product Use:** Coating/Primer for Roof Surfaces

**Field of Application:** building and metal industry

**Identified uses:** Water-borne acrylic primer

**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:

Carcinogen

1A

Known Human Carcinogen Based on human evidence

### GHS Hazards

H350

May cause cancer

### GHS Precautions

P201

Obtain special instructions before use

P202

Do not handle until all safety precautions have been read and understood

P281

Use personal protective equipment as required

P308+P313

IF exposed or concerned: Get medical advice/attention

P405

Store locked up

P501

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

**Signal Word: Warning**

**Acute Toxicity:**
**Eyes:** May cause irritation & burns.

**Skin:** Minor potential for irritation.

**Inhalation:** Liquid may cause irritation.

**Ingestion:** May cause irritation & burns.

**Chronic Effects:** Not expected to cause any adverse chronic health effects.

**Energy Efficient Building Product Solutions**

(877) 476-7453

[greenshieldproducts.com](http://greenshieldproducts.com)


# Safety Data



## 3. Composition/information on ingredients:

Chemical Name	CAS Number	Weight Concentration%
Water	7732-18-5	50.00% - 60.00%
Aqua Ammonia	1336-21-6	0.1% - 1.00%
Acrylic Polymers	13463-67-7	40.00% - 45.00%
Residual Monomers	57-55-6	0.05% - 0.10%

## 4. First Aid Measures:

**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

## 5. Firefighting measures

Flash Point: 99 C (210 F)

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, and traces of HCN

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

## 6. Accidental release measures

**Person-Related Safety Precautions:** Avoid contact with skin and eyes.

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

Clean up with water.



*Energy Efficient Building Product Solutions*

(877) 476-7453

greenshieldproducts.com



# Safety Data



## 7. Handling and Storage

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

**Storage Requirements:** Store in dry, well ventilated area. Keep containers tightly closed. Store between 60°F-100°F. Material may settle.

## 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/m3 TWA 50 ppm	25 ppm TWA 35 ppm STEL	Not Established

**Engineering Controls:** No specific measures required if proper PPE precautions are followed.

**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 chemical resistant gloves.

**Eye Protection:** Safety glasses.

**Body Protection:** Protective work clothing. Launder separately.

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

## 9. Physical and Chemical Properties:

Physical properties listed where known.

<b>Appearance:</b> Various colored liquid <b>Vapor Pressure:</b> 17.0 mmHg @ 20 °C (68 °F) similar to water <b>Specific Gravity</b> 1.44 <b>Freezing point:</b> N/A <b>Boiling range:</b> 100 - 3000°C <b>Evaporation rate:</b> N/A <b>Explosive Limits:</b> N/A <b>Autoignition temperature:</b> 371°C	<b>Odor threshold:</b> N/A <b>Vapor Density:</b> N/A <b>pH:</b> 7.5 – 8.5 <b>Melting point:</b> N/A <b>Solubility:</b> N/A <b>Flash point:</b> N/A <b>Flammability:</b> N/A <b>Partition coefficient</b> N/A (n-octanol/water): <b>Decomposition temperature:</b> N/A
---	--

## 10. Stability and Reactivity:

**Incompatible Materials:** Avoid contact with isocyanates and strong oxidizing agents.

**Hazardous Polymerization:** Not expected to occur.

**Dangerous Products of Decomposition:** Oxides of carbon, oxides of sulfur.



*Energy Efficient Building Product Solutions*

(877) 476-7453

greenshieldproducts.com



# Safety Data



## 11. Toxicological Information:

### Mixture Toxicity

#### Toxicity Values Listed if Known

#### Acute Toxicity:

##### Acute oral toxicity

LD50, Rat, > 5,000 mg/kg

##### Acute dermal toxicity

LD50, Rabbit, > 5,000 mg/kg

##### Acute inhalation toxicity

Product test data not available

**Eyes:** May cause irritation & burns.

**Skin:** Minor potential for irritation.

**Inhalation:** Liquid may cause irritation.

**Ingestion:** May cause irritation & burns.

**Chronic Effects:** Not expected to cause any adverse chronic health effects.

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

**Target Organs:** Eyes, skin

## 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.

#### Toxicity

##### Acute toxicity to fish

LC50, Oncorhynchus mykiss (rainbow trout), 96 Hour, >CUS  
TRH0000000000599, 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

#### Persistence and degradability

##### Acrylic polymer(s)

Biodegradability: No relevant data found.

##### Residual monomers

##### Biodegradability:

No relevant data found.

##### Aqua ammonia

Biodegradability: Material is expected to be readily biodegradable.  
Biodegradation may occur under aerobic conditions (in the presence of oxygen).  
3.76 mg/mg Estimated.

##### Theoretical Oxygen Demand:

##### Bioaccumulative potential

##### Bioaccumulation:

no data available



*Energy Efficient Building Product Solutions*

(877) 476-7453

[greenshieldproducts.com](http://greenshieldproducts.com)



# Safety Data



## Mobility in soil

### Residual monomers

No relevant data found.

## 13. Disposal considerations

**Recommendation:** Observe local requirements. Dispose of in accordance with local/state/federal environmental control laws.

## 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:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
	None			

## 15. Regulatory Information:

**OSHA HAZARD COMMUNICATION STANDARD:** This material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

**SARA 311/312 Hazard Categories:** None.

### Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA.

### Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

### Pennsylvania

Any material listed as "Not Hazardous" in the CAS REG NO column of SECTION 2, Composition/Information On Ingredients, of this MSDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right-to-Know Act.

### United States TSCA Inventory (TSCA)

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

### SARA 302 Extremely Hazardous Substances:

- None

### Chemicals subject to SARA 313 Reporting:

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



*Energy Efficient Building Product Solutions*

(877) 476-7453

greenshieldproducts.com



# Safety Data

**GREEN SHIELD**  
PRODUCTS

## 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

Date revised: 2022-06-21

Reviewer Revision 1

Date Prepared: 10/03/2021

SAFETY DATA SHEET



*Energy Efficient Building Product Solutions*

(877) 476-7453

[greenshieldproducts.com](http://greenshieldproducts.com)

