



Safety Data Sheet
Cure & Seal Plus
ASR Sand Pop-Out MINIMIZER
© Cemstone Products Company
Version 1.1

Cemstone Products Company
2025 Centre Point Boulevard, Suite 300
Mendota Heights, MN 55120-1221

Emergency Telephone Number:
800-424-9300
Information Telephone Number
651-688-9292

Revision Date
July 2019

Section 1: Product Identification

Product Type: Concrete Sealer

Product Name:

Cure & Seal Plus ASR Sand Pop-Out MINIMIZER

Section 2: Hazard Identification

No hazards are likely from use of this product.

This product has been evaluated according to GHS and 29CFR1910.1200, Appendix A, and is not classified as a dangerous substance or mixture.

HMIS® Rating: Health: 0 Fire: 1 Reactivity: 0
HMIS® is a registered trademark of the National Paint and Coatings Association
NFPA 704 Rating: Health: 0 Fire: 1 Instability: 0

Section 3: Hazardous Ingredients/Composition

Ingredient	Typical Percentage*	CAS #
1-phenoxypropan-2-ol	>=3.0-<5.0%	770-35-4

*Specific chemical identities and concentrations withheld as trade secret. They are available upon request to health professionals, employees and their designated representatives in accord with 29CFR1910.1200(i).

Section 4: First Aid Measures

General Advice:

Remove contaminated clothing.

Inhalation:

Typically not an inhalation hazard. If any irritation develops, move to fresh air. Evaluate conditions of use.

Eye contact:

Hold eyelids apart and flush eyes with plenty of water. At least fifteen minutes of flushing is recommended for any chemical contact. If any irritation persists, get medical attention.

Skin Contact:

Wash thoroughly with soap and water.



Ingestion:

Rinse mouth and then drink plenty of water. If you feel unwell, check with the Poison Control Center or a doctor. Do not induce vomiting unless directed to do so by medical personnel.

Symptoms of overexposure: slight eye irritation could develop from direct contact.
Note to physician: Treat according to symptoms. No known specific antidote.

Section 5: Fire Fighting Measures

Fire extinguishing media: Use extinguisher suitable for surrounding material.
Suitable extinguishing media: Foam, water spray, dry powder, carbon dioxide.
Unsuitable extinguishing media for safety reasons: Water jet

Special fire-fighting procedures: none

Unusual fire and explosion hazards: None.

Hazardous combustion products: carbon monoxide, carbon dioxide, harmful vapors, nitrogen oxides, fumes/smoke, carbon black.

Advice for fire-fighters

Protective equipment for fire-fighting:
Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions.
Contaminated extinguishing water must be disposed of in accordance with official regulations.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Do not breathe vapor/aerosol/spray mists. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions

Contain contaminated water/firefighting water. Do not allow into any drains, sewer, on the ground, or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.



Methods and material for containment and cleaning up

For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.

For large amounts: Pump off product.

Section 7: Handling and Storage

Precautions for safe handling

Avoid aerosol formation. Avoid inhalation of mists/vapors. Avoid skin contact. No special measures necessary provided product is used correctly.

Protection against fire and explosion:

The product does not contribute to the spreading of flames, nor is it self-combustible, not explosive.

Conditions for safe storage, including any incompatibilities

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions:

Keep only in the original container in a cool, well ventilated place.

Protect from direct sunlight.

Store protected against freezing. Protect from temperatures below: 40 °F (5 °C).

Keep container tightly closed.

Wash hands after use.

Do not eat, drink, or use tobacco products when handling any chemical products.

Section 8: Exposure Controls/Personal Protection

Occupational Exposure Limits: None established

Engineering Controls:

No special ventilation is required

Personal protective equipment

Respiratory protection: Not required under conditions of normal use.

Hand protection: Wear any chemical resistant, water-impermeable, protective gloves.

Eye protection: Safety glasses with side shields are recommended to ensure against any eye contact.

Body protection: Depending upon conditions of use. Cover as much of the exposed skin as possible to prevent all skin contact, light protective clothing.



General safety and hygiene measures:

Avoid contact with the skin, eyes and clothing. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

Section 9: Physical and Chemical Properties

Appearance:	milky white liquid
Odor:	mild acrylic odor
Odor threshold:	No applicable information available.
pH value:	slightly alkaline
Melting point:	No applicable information available.
Boiling Point:	469° F
Sublimation point:	No applicable information available.
Flash point:	240° F.
Flammability:	Not determined.
Lower explosion limit:	0.7 %(V)
Upper explosion limit:	9.4 %(V)
Density:	1.0312 g/cm ³ (20°C).
Relative density:	No applicable information available.
Vapor density:	Heavier than air.
Partitioning coefficient noctanol/ water (log Pow):	No data available.
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No applicable information available.
Solubility in water:	partly soluble.
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.
Evaporation Rate:	No applicable information available.

Section 10: Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.



Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

The product is stable if stored and handled as prescribed/indicated.

Conditions to avoid

Avoid extreme temperatures.

Incompatible materials

Strong acids, strong bases, strong oxidizing agents.

Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: carbon oxides

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

Section 11: Toxicological Information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Assessment other acute effects

No applicable information available.

Sensitization

Assessment of sensitization: The product has not been tested. The statement has been derived from the properties of the individual components.

Chronic Toxicity/Effects

Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Carcinogenicity

Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.



Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Teratogenicity

Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Section 12: Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:
The product has not been tested.

Persistence and degradability

Assessment biodegradation and elimination (H₂O)
Inherently biodegradable. The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.

Bioaccumulative potential

Assessment bioaccumulation potential
Discharge into the environment must be avoided.

Mobility in soil

Assessment transport between environmental compartments
No data available.

Additional information

Other ecotoxicological advice:
The product has not been tested. Do not discharge product into the environment without control.

Section 13: Disposal Considerations

Waste disposal of substance:

Recommendations: Use excess product in an alternate beneficial application. Dispose of in accordance with local authority regulations. Do not discharge into drains/surface waters/groundwater.



Container disposal:

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

Dispose of in accordance with federal, state, and local regulations.

Section 14: Transportation

Not a DOT-regulated hazardous material. Not classified as dangerous goods for DOT, IATA, IMDG, TDG

Section 15: Regulatory Information

US Toxic Substance Control ACT (TSCA):

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Not hazardous;

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
1000 LBS	100-42-5	Styrene
100 LBS	123-91-1; 10031-43-3	1,4-dioxane; Nitric acid, copper(2+) salt, trihydrate
10 LBS	75-21-8	Ethylene Oxide

State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
PA	75-21-8	Ethylene Oxide
MA	75-21-8	Ethylene Oxide
NJ	75-21-8	Ethylene Oxide

CA Prop. 65:

WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

Section 16: Other Information

Additional information on the product is available at. www.cemstone.com



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