

SAFETY DATA SHEET

Version 20.1

Issue Date: 05/15/20

1. PRODUCT AND COMPANY INFORMATION

- 1.1 **Product Identifier** Product name: CS2000™ Brand: Creteseal®
- 1.2 **Relevant Identified Uses of the Substance or Mixture:** Concrete Sealer / Hardener / Curing Agent
- 1.3 **Supplier of the SDS:** OBEX Co. | 740 N 5th Street | Jacksonville, OR 97530 | Phone: 844-265-3535 | www.obexco.com
- 1.4 **Emergency Phone Number: For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night 1-800-424-9300 / +1 703-527-3887**

2. HAZARDS IDENTIFICATION

2.1 GHS Classification of the substance or mixture:

Acute toxicity, oral (Category 5), H303
 Acute toxicity, inhalation (Category 5), H333
 Skin corrosion/irritation (Category 2), H315
 Serious eye damage/eye irritation (Category 2A), H319
 Specific target organ toxicity, single exposure (Category 3), Respiratory tract irritation, H335

2.2 GHS Label elements, including precautionary statements:

2.2.1 Hazard Pictogram:

GHS07

2.2.2 Signal Word:

Warning

2.2.3 Hazard statements:

H303 + H333: Harmful if swallowed or if inhaled.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H335: May cause respiratory irritation.



2.2.4 Precautionary statements:

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
 P264: Wash skin thoroughly after handling.
 P271: Use only outdoors or in a well-ventilated area.
 P280: Wear protective gloves/protective clothing/eye protection.
 P301+312: IF SWALLOWED: Rinse mouth. Call a doctor/ physician if you feel unwell.
 P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
 P332 + P313: If skin irritation occurs, get medical attention/advice.
 P304 + P312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P304 + P340: IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313: If eye irritation persists, get medical attention/advice.
 P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
 P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS: No data available.

2.4 Unknown Acute Toxicity No data available.

3. COMPOSITION INFORMATION ON INGREDIENTS

3.1 Substances:	Name	Product Identifier	GHS Classification
	CS2000™	*	See Section 2.1 for details

* Certain substances and mixtures are withheld pursuant to 29 C.F.R. §1910.1200(i) as trade secrets.

4. FIRST AID MEASURES

4.1 Description of first aid measures:

General advice: Alkalinity of the product is the primary cause of irritation. Use with adequate ventilation. Consult a physician if any irritation persists. **If inhaled:** Inhalation may potentially cause irritation of mucous membranes. Move to fresh air. If irritation persists, contact a physician. **In case of skin contact:** Wash with warm soapy water liberally. If irritation persists, contact a physician. **In case of eye contact:** Immediately flush with water liberally for at least 15 minutes lifting the upper and lower lids occasionally. Remove contact lenses if worn. If irritation persists, contact a physician. **If swallowed:** Give plenty of water to drink. Call a physician. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

- 4.2 Most important symptoms and effects, both acute and delayed:**
The most important known symptoms and effects are described in the labeling section 2.2.
- 4.3 Indication of any immediate medical attention and special treatment needed:** Treat exposure symptomatically.

5. FIREFIGHTING MEASURES

- 5.1 Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemicals or carbon dioxide.
- 5.2 Special hazards arising from the substance or mixture:** No data available.
- 5.3 Advice for firefighters:** Exercise caution. Firefighters should wear full protective gear including respiratory protection.
- 5.4 Further information:** Non-flammable substance.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.
- 6.2 Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
- 6.3 Methods and materials for containment and cleaning up:** Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet- brushing and place in suitable, closed container(s) for disposal according to local regulations (see section 13).
- 6.4 Reference to other sections:** For disposal see section 13.

7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling:** Material will adhere to any materials such as wood, glass, metal and terrazzo unless caution is used. Wash area with soapy water before material dries to prevent possible silicate build-up. During application, surfaces may be slippery when wet. Avoid contact with skin and eyes. For precautions see section 2.2.
- 7.2 Conditions for safe storage, including any incompatibilities:** Material will freeze at 0°F. Store in a cool, dry place out of excess of cold or heat.
- 7.3 Specific end use(s):** Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control Measures and Engineering Controls:** Use a local or general mechanical exhaust ventilation system capable of maintaining emissions below the levels that may cause irritation. No data is available establishing biological limit values.
- 8.2 Individual Protection Measures:** Wear protective gloves to avoid skin exposure. Wear goggles for eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid; clear to slightly hazy, colorless	Upper/lower flammability or explosive limits: No data available
Odor: No characteristic odor	Vapor pressure: No data available
Odor threshold: No data available	Vapor density: No data available
pH: 10.9 to 11.9	Relative density: No data available
Melting point/freezing point: Less than 0°C (32°F)	Solubility: Complete solubility in water
Initial boiling point: Greater than 100°C (212°F)	Partition coefficient: n-octanol/water: No data available
Flash point: No data available	Auto-ignition temperature: No data available
Evaporation rate: No data available	Decomposition temperature: No data available
Flammability: Non-flammable	Viscosity: No data available

10. STABILITY AND REACTIVITY

- 10.1 General:** This product is stable and hazardous polymerization will not occur.
- 10.2 Conditions to Avoid:** Below freezing conditions. This product is not sensitive to mechanical impact or static discharge.
- 10.3 Incompatible Material:** Acids and acidic materials or products.
- 10.4 Decomposition products:** Information withheld pursuant to 29 C.F.R. §1910.1200(i) as trade secrets.

11. TOXICOLOGICAL INFORMATION

- 11.1 Likely routes of exposure:** Target organs include eyes, skin, mucous membranes, and lungs.
- 11.2 Symptoms and effects from short and long term exposure:** No data available. See labeling section 2.2 for relevant symptomatic information.
- 11.3 Acute toxicity:** No data available.

12. ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** The aquatic and terrestrial toxicity for this product has not been determined.
- 12.2 Persistence and degradability:** This product is completely soluble in water.
- 12.3 Bioaccumulative potential:** Not established
- 12.4 Mobility in soil:** No data available

12.5 **Other adverse effects** This product can affect the pH of water.

13. DISPOSAL CONSIDERATIONS

13.1 **Safe Handling and Methods of disposal of waste residues, including disposal of any contaminated package:**

This product is classified as a Non-Hazardous Waste under the Resource Conservation and Recovery Act (RCRA) 40 C.F.R. § 261. It does not exhibit the characteristics of a hazardous waste under Subpart C, nor is it listed as a hazardous waste under Subpart D due to toxicity. As a non-hazardous liquid waste, it should be disposed of in accordance with all local, state, and federal regulations. Consult state or local officials for proper disposal method.

13.2 **Safe Handling:** Follow steps at section 8 for disposal, including using a ventilation system and wearing protective gloves and goggles.

14. TRANSPORT INFORMATION

14.1 **UN number:** Not applicable

14.2 **UN proper shipping name:** Not applicable

14.3 **Transport hazard class(es):** Not applicable

14.4 **Packing group** Not applicable

14.5 **Marine pollutant:** No

14.6 **Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable

14.7 **Special precautions a user needs to be aware of and/or comply with in connection with the transport or conveyance within/outside their premises:** Do not allow product to freeze.

15. REGULATORY INFORMATION

15.1 **Carcinogenic Potential:** Components are not regulated by OSHA. This product is not formulated to contain any material which the state of California has found to cause cancer and/or birth defects or other reproductive harm.

15.2 **U.S. EPA Requirements:** Components are not listed under CERCLA 40 C.F.R. § 302.

15.3 **State Regulations:** Under the Safe Drinking Water and Toxins Enforcement Act, 1986 (Prop. 65) components have not been found to be carcinogens or reproductive toxins.

15.4 **U.S. TSCA Status:** Components are listed under 40 C.F.R. § 710.

15.5 **Canadian Regulations:** Components are WHMIS Class & Division D.2B. The WHMIS Hazard Symbol is: Material Causing Other Toxic Effects.

16. OTHER INFORMATION

16.1 **Volatile Organic Compounds (VOC) Content:** None. Ref. ASTM D2369.

16.2 **Disclaimer:** The facts and recommendations contained herein are based on our own research and the research of others, and are believed to be accurate. No guarantee of their accuracy is made as we cannot cover every possible application for our products, nor anticipate variations encountered in manufacturing equipment and methods. OBEX urges users of this product to evaluate its suitability and compliance with all applicable laws and regulations.

16.3 **Special Instructions:** Store Creteseal® CS2000™ in an area that is protected from below freezing temperatures and away from incompatible materials and products. If mixed with acids or acidic materials, this product can form a gel that is mostly insoluble in water. Please see Creteseal® CS2000™ TDS and label instructions for full explanation of installation procedures and product specifications.

16.4 **SDS Distributed by:** OBEX Co. | 740 N 5th Street | Jacksonville, OR 97530 | Phone: 844-265-3535 | www.obexco.com