



SAFETY DATA SHEET

ConBlock HP

Section 1. Identification

GHS product identifier : ConBlock HP
Other means of identification : Concrete densifier

Relevant identified uses of the substance or mixture and uses advised against

Not available

Supplier's details : Concrete Sealants, Inc.
9325 St. Rte. 201
Tipp City, Ohio 45371
Tel.: 937-845-8776
Toll-free: 800-332-7325
Fax: 937-845-3587
Email: hello@conseal.com
Website URL: www.conseal.com

Emergency telephone number (with hours of operation) : 937-845-8776 or 800-332-7325
(6am to 5pm EST)

Section 2. Hazards Identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : SKIN CORROSION/IRRITATION - Category - 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category -2

Hazard pictogram



GHS label elements

Signal word : WARNING
Hazard statements : Causes skin irritation. Causes serious eye irritation.

Precautionary statements

General : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention : Wash thoroughly after handling. Wear protective gloves/eye protection/face protection.
Response : IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Storage : Store away from incompatible materials.
Disposal : Dispose of contents in accordance with local/regional/national/international regulations.
Hazards not otherwise classified : None known

Section 3. Composition/information on ingredients

Substance/mixture : Mixture
Other means of identification : Not available
CAS number/other identifiers
CAS number : Not applicable
Product code : Not available

Ingredient name	%	CAS number
Silicic acid, lithium salt	5-10	12627-14-4

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact : Immediately flush eyes with plenty of water for at least 15 minutes. Check for and remove any contact lenses. Continue rinsing. Get medical attention if irritation occurs.
Inhalation : No specific first aid measures noted.
Skin contact : Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Clean shoes before reuse.
Ingestion : Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't go into lungs. Get medical attention if any discomfort continues

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : Irritation of eyes
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments : None known
Protection of first-aiders : None known

Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media : Water spray, foam, dry powder or carbon dioxide.

Section 5. Firefighting measures

- Unsuitable extinguishing media** : Do not use water jet as an extinguisher, as this will spread the fire.
- Specific hazards arising from the chemical** : By heating and fire, irritating vapors/gases may be formed.
- Hazardous thermal decomposition products** : Decomposition materials may include the following materials:
carbon dioxide
carbon monoxide
- Special protective actions for firefighters** : Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
- Special protective equipment for firefighters** : Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillage cannot be contained.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for contaminant and cleaning up

- Spill** : **Small spill:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water soluble. Alternatively, or if water-soluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and faces before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Keep container tightly closed. Store in a cool and well-ventilated place. Store away from incompatible materials (see section 10).



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Section 8. Exposure Controls / Personal Protection

Control parameters

- Appropriate engineering controls** : Provide eyewash station
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

- Hygiene measures** : Appropriate techniques should be used to remove potentially contaminated clothing. IF ON SKIN (or hair): Wash contaminated clothing before reuse.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gasses or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

- Hand protection** : Wear appropriate chemical resistant gloves.
- Body protection** :
- Other skin protection** : Wear appropriate chemical resistant clothing.
- Respiratory protection** : In case of insufficient ventilation, wear suitable respiratory equipment.

Section 9. Physical and Chemical Properties

Appearance

- Physical state** : Liquid
- Color** : Clear
- Odor** : Not available
- Odor threshold** : Not available
- pH** : 11.2
- Melting point** : Not available
- Boiling point** : Not available
- Flash point** : Not flammable
- Burning time** : Not available
- Burning rate** : Not available
- Evaporation rate** : Not available
- Flammability (solid, gas)** : Not available
- Lower and upper explosive (flammable) limits** : Not available
- Vapor pressure** : Not available
- Vapor density** : Not available
- Relative density** : 1.04
- Solubility** : Soluble
- Solubility in water** : Not available
- Partition coefficient n-octanol/water** : Not available
- Auto-ignition temperature** : Not available

Section 9. Physical and Chemical Properties

Decomposition temperature	: Not available
SADT	: Not available
Viscosity	: Not available

Section 10. Stability and Reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable under normal condition
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Heat, flames and sparks. Contact with incompatible material.
Incompatible materials	: Reactive or incompatible with the following materials: Strong oxidizing agents.
Hazardous decomposition products	: Carbon oxides. Lithium oxides Silicon oxides.

Section 11. Toxicological Information

Sensitization

Skin	: There is no data available
Respiratory	: There is no data available

Mutagenicity

There is no data available

Carcinogenicity

There is no data available

Reproductive toxicity

There is no data available

Teratogenicity

There is no data available

Specific target organ toxicity (single exposure)

There is no data available

Aspiration hazard

There is no data available

Information on the likely routes of exposure	: Ingestion may cause irritation and malaise.
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Potential acute health effects

Eye contact	: Causes serious eye irritation
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes skin irritation.
Ingestion	: Ingestion may cause irritation

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Causes serious eye irritation
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes skin irritation
Ingestion	: May cause discomfort if swallowed.



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Section 12. Ecological Information

There is no data available

Section 13. Disposal Considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport Information

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory Information

U.S. Federal regulations : **TSCA 8(a) CDR Exempt/Partial exemption:** Not determined
United States inventory (TSCA 8b): All components are listed or exempt.

SARA 311/312

Classification : Not applicable

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Silicic Acid	8-10	No	No	No	Yes	No

Section 16. Other Information

History

Date of issue mm/dd/yyyy : 01/18/2016
Version : 2
Revised sections : Removed unused / not applicable information is sections 11-15.
Prepared by : Concrete Sealants, Inc.
Key to abbreviations : ATE = Acute Toxicity Estimate
 BCF = Bioconcentration Factor
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC = Intermediate Bulk Container
 IMDG = International Maritime Dangerous Goods
 LogPow = logarithm of the octanol/water partition coefficient
 MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships
 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 UN = United Nations

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.