



SAFETY DATA SHEET

ConBlock Cure & Seal Clear

Section 1. Identification

GHS product identifier : ConBlock Cure & Seal Clear
Other means of identification : CS-55 Cure & Seal Clear

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 : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Eye Irritation, Category 2A

GHS label elements



Signal word : Warning

Hazard statements : 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 skin thoroughly after handling. Wear eye and face protection.

Response : 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 : Not applicable

Disposal : Not applicable

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
Propylene glycol phenyl ether	3-7	770-35-4
2-Butoxyethanol	1-5	111-76-2

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, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact : Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.

Ingestion : Wash mouth out with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : Irritating to the 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 : Irritating to the 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.

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.

Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire. Foam, carbon dioxide, dry chemical, water fog.

Unsuitable extinguishing media : None known

Specific hazards arising from the chemical : No specific fire or explosion hazard.

Hazardous thermal decomposition products : Decomposition materials may include the following materials:
carbon dioxide
carbon monoxide

Special protective actions for firefighters : Water may be used to cool closed containers, to prevent pressure build-up.

Special protective equipment for firefighters : Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Put on appropriate personal protective equipment.

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

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-insoluble, 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 leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillage into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in containers for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8).

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.

Section 7. Handling and storage

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure Controls / Personal Protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
2-Butoxyethanol	ACGIH TLV (United States, 3/2012). TWA: 20 ppm 8 hours. NIOSH REL (United States, 6/2009). Absorbed through skin. TWA: 24 mg/m ³ 10 hours. TWA: 5 ppm 10 hours. OSHA PEL (United States, 6/2010). Absorbed through skin. TWA: 240 mg/m ³ 8 hours. TWA: 50 ppm 8 hours.

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

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 : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

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 : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on task being performed and the risk involved and should be approved by a specialist before handling this product.

Respiratory protection : If a risk assessment shows an inhalation hazard, use a properly fitted, air-purifying or supplied air respirator complying with an approved standard. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and Chemical Properties

Appearance

Physical state : Liquid
Color : Tan/Clear
Odor : Negligible

Section 9. Physical and Chemical Properties

Odor threshold	: Not available
pH	: 8.5 to 9.1
Melting point	: Not available
Boiling point	: >93.3°C (>200°F)
Flash point	: Open cup: >94°C (>201°F)
Burning time	: Not available
Burning rate	: Not available
Evaporation rate	: Slower than butyl acetate
Flammability (solid, gas)	: Not available
Lower and upper explosive (flammable) limits	: LEL – 0.6%
Vapor pressure	: Not available
Vapor density	: Heavier than air
Relative density	: 1.15
Solubility	: Not available
Solubility in water	: Not available
Partition coefficient n-octanol/water	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
SADT	: Not available
Viscosity	: Dynamic (room temperature): 1200 to 3000 mPa.s (1200 to 3000 cP)

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.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: Reactive or incompatible with the following materials: strong oxidizing materials. Non-reactive or compatible with the following materials: reducing materials, combustible materials, organic materials, metals, acids, alkalis, and moisture.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
2-Butoxyethanol	LC50 Inhalation Vapor	Rat	450 ppm	4 hours
	LD50 Dermal	Rabbit	220mg/kg	-
	LD50 Oral	Rat	250 mg/kg	-
1-Phenoxypropan	LD50 Oral	Rat	>2,000 mg/kg	4 h
	LC50 Inhalation	Rat	>5.4 mg/l	
	LD50 Dermal	Rat	>2,000 mg/kg	

Section 11. Toxicological Information

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
2-Butoxyethanol	Eyes- Moderate irritant	Rabbit	-	24 hours 100 mg	-
	Eyes- Severe irritant	Rabbit	-	100 mg	-
	Skin- Mild irritant	Rabbit	-	500 mg	-
1-Phenoxypropan	Skin – no irritation	Rabbit	-	4 h	-
	Eyes – Irritating to eyes	Rabbit	-	-	-
	Skin – Does not cause skin irritation	Guinea pig	-	-	-

Sensitization

Skin : There is no data available

Respiratory : There is no data available

Mutagenicity

There is no data available

Carcinogenicity

No component of this product is known to be carcinogenic.

Reproductive toxicity

1-Phenoxypropan (Rabbit-oral):

Maternal effects: Other effects.

Specific Developmental Abnormalities: Musculoskeletal system.

Teratogenicity

There is no data available

Specific target organ toxicity (single exposure)

There is no data available

Specific target organ toxicity (repeated exposure)

There is no data available

Aspiration hazard

There is no data available

Information on the likely routes of exposure : Not available

Potential acute health effects

Eye contact : Irritating to the 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.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
1-Phenoxypropan Oral - Rat	477.5 mg/kg
2-Butoxyethanol Oral	7861.6 mg/kg
Dermal	6918.2 mg/kg
Inhalation	345.9 mg/L

Section 12. Ecological Information

Toxicity

Product/ingredient name	Result	Species	Exposure
1-Phenoxypropan	LC50 - 280 mg/l EC50 - 370 mg/l EC50 - >100 mg/l	Pimephales promelas (fathead minnow) Daphnia magna (water flea) Desmodesmus subspicatus (green algae)	72 h
2-Butoxyethanol	Acute EC50 > 1000 mg/L Fresh water Acute LC50 1000 mg/L Marine water Acute LC50 1250000 µg/l Marine water	Daphnia-Daphnia magna Crustaceans- Chaetogammarus marinus-Young Fish- Menidia beryllina	48 hours 48 hours 96 hours

Persistence and degradability

There is no data available

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
2-Butoxyethanol	0.81	-	low

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available

Other adverse effects : No known significant effects or critical hazards.

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

This product is not regulated.

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.

Clean Air Act Section 112 : Not Listed

(b) Hazardous Air Pollutants (HAPs)

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
No products were found						

SARA 304 RQ : Not applicable

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
2-Butoxyethanol	1-5	No.	No.	No.	Yes.	No.

SARA 313

	Product name	CAS number	%
Form R – Reporting requirements	2-Butoxyethanol	111-76-2	1-5
Supplier notification	2-Butoxyethanol	111-76-2	1-5

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts : The following components are listed: 2-Butoxyethanol

New York : None of the components are listed

New Jersey : The following components are listed: 1-Phenoxypropan; 2-Butoxyethanol

Pennsylvania : The following components are listed: 1-Phenoxypropan; 2-Butoxyethanol

California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproduction harm.

Section 16. Other Information

History

Section 16. Other Information

Date of issue mm/dd/yyyy	: 06/15/2016
Version	: 1
Revised sections	: Not applicable
Prepared by	: Concrete Sealant 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.