



# SAFETY DATA SHEET

CSR-1100

## Section 1. Identification

GHS product identifier : CSR-1100  
Other means of identification : Hydrophilic Foam

### 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 2  
Reproductive Toxicity-category 1B  
Aquatic Chronic-category 2



### GHS label elements

Signal word : DANGER

Hazard statements : Causes serious eye irritation  
May damage the unborn child. Suspected of damaging fertility.  
Toxic to aquatic life with long lasting effects.

### Precautionary statements

General : Obtain special instruction before use.

Prevention : Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Avoid release to the environment. Wear protective gloves/eye protection/face protection.

Response : **IF IN EYES:** Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If exposed or concerned: Get medical advice / attention. If eye irritation persists: Get medical advice / attention.

Storage : Store locked up

Disposal : Dispose of contents / container in accordance with local / national regulations.

## Section 2. Hazards Identification

**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
Urethane Prepolymer	50-75	0053426-99-6
2-(2-Ethoxyethoxy)ethyl acetate	10-25	0000112-15-2
Dibutyl phthalate	1.0-10	0000084-74-2

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** : Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

**Inhalation** : Remove victim to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

**Skin contact** : Immediately take off all contaminated clothing. For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.

**Ingestion** : If swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact** : Irritating to the eyes

**Inhalation** : May cause lung irritation; potential sensitizer.

**Skin contact** : May cause lung irritation; potential sensitizer. Skin inflammation is characterized by itching, scaling and reddening.

**Ingestion** : Swallowing small amounts of this material during normal handling is unlikely and is not likely to cause harmful effects. Swallowing large amounts may be harmful.

#### 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, dry chemical, alcohol foam, carbon dioxide

**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  
oxides of nitrogen.

**Special protective actions for firefighters** : No special measures are required.

**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** : Do not allow spills to enter drains or waterways. Use personal hygiene practices. Wash hand before eating, drinking, smoking or using the toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### Methods and materials for contaminant and cleaning up

**Spill** : **For major spills call chemtrec** (800-424-9300). Clean up should only be performed by trained personnel. People dealing with major spillages should wear full protective clothing including appropriate respiratory protection. Evacuate the area. Prevent further leakage, spillage or entry to drains.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Avoid breathing aerosols, mist and vapors. Avoid contact with skin and eyes. (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.

**Conditions for safe storage, including any incompatibilities** : Handle containers carefully to prevent damage and spillage. Incompatible material: Water, amines, strong bases, alcohols, metal compounds and surface-active materials. If container is exposed to high heat, it can be pressurized and possible rupture explosively. Keep the container tightly closed and in a cool, well-ventilated place.

## Section 8. Exposure Controls / Personal Protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
Dibutyl phthalate	OSHA TWA 5 mg/m <sup>3</sup> ACGIH TWA: 5 mg/m <sup>3</sup> R NIOSH TWA 5 mg/m <sup>3</sup>
2-(2-Ethoxyethoxy)ethyl acetate	OSHA No established limit ACGIH No established limit NIOSH No established limit
Urethane Prepolymer	OSHA No established limit ACGIH No established limit NIOSH No established limit

**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** : 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.

## Section 9. Physical and Chemical Properties

### Appearance

**Physical state** : Slightly Viscous Amber Liquid

**Color** : Amber

**Odor** : Not available

**Odor threshold** : Not available

**pH** : Not available

**Melting point** : Not available

**Boiling point** : >1800F

**Flash point** : >2000F (930C) ASTM D 3278-96

**Burning time** : Not available

**Burning rate** : Not available

**Evaporation rate** : Slower than ether

**Flammability (solid, gas)** : Not available

**Lower and upper explosive (flammable) limits** : Not available

**Vapor pressure** : 2680F

**Vapor density** : Not available

**Relative density** : Not available

**Solubility** : Not available

**Solubility in water** : Not available

**Partition coefficient n-octanol/water** : Not available

## Section 9. Physical and Chemical Properties

**Auto-ignition temperature** : Not available  
**Decomposition temperature** : Not available  
**SADT** : Not available  
**Viscosity** : Not available

## Section 10. Stability and Reactivity

**Reactivity** : Polymerization may occur at elevated temperatures in the presence of alkalis, tertiary amines and metal compounds.  
**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** : Water, amines, strong bases, alcohols, metal compounds and surface-active materials.  
**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
Urethane Prepolymer	-	-	-	-
2-(2-Ethoxyethoxy)ethyl acetate	LD50 ORAL	RAT	11,000 mg/kg	-
	LD50 DERMAL	RABBIT	15,281	-
Dibutyl phthalate	LD50 ORAL	RAT	8,000	-
	LD50 DERMAL	RABBIT	20,860mg/kg	-

#### 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

#### 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** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.

## Section 11. Toxicological Information

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

### Symptoms related to the physical, chemical and toxicological characteristics

**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.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : No known significant effects or critical hazards.  
**Potential delayed effects** : No known significant effects or critical hazards.

#### Long term exposure

**Potential immediate effects** : No known significant effects or critical hazards.  
**Potential delayed effects** : No known significant effects or critical hazards.

#### Potential chronic health effects

**General** : No known significant effects or critical hazards.  
**Carcinogenicity** : No known significant effects or critical hazards.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Teratogenicity** : No known significant effects or critical hazards.  
**Developmental effects** : No known significant effects or critical hazards.  
**Fertility effects** : No known significant effects or critical hazards.

## Section 12. Ecological Information

### Toxicity

Product/ingredient name	Result	Species	Exposure
Dibutyl phthalate		Fish-Lepomis macrochirus	96 hours
		Crustaceans-Daphnia magna	48 hours
		Algae-Scenedesmus acutus	96 hours

### Persistence and degradability

There is no data available

### Bioaccumulative potential

There is no data available

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : 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

	DOT Classification	IMDG	IATA
UN number	Not regulated	Not regulated	Not regulated
UN proper shipping name	-	-	-
Transport hazard class(es)	-	-	-
Packing group	-	-	-
Environmental hazards	Yes.	Yes.( Dibutyl phthalate) Marine Pollutant	Yes.
Additional 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.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available

### 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 (b) Hazardous Air Pollutants (HAPs)** : Listed

**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

**Section 15. Regulatory Information**

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
Dibutyl phthalate		No.	No.	No.	Yes.	No.

**SARA 313**

	Product name	CAS number	%
<b>Form R – Reporting requirements</b>	Dibutyl phthalate	0000084-74-2	
<b>Supplier notification</b>	Dibutyl phthalate	0000084-74-2	

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** : None of the components are listed.  
**New York** : None of the components are listed.  
**New Jersey** : The following components are listed: Dibutyl phthalate  
**Pennsylvania** : The following components are listed: Dibutyl phthalate

**California Prop. 65**

None known

**International regulations**

- International lists** :
- Australia inventory (AICS)**: Not determined.
  - China inventory (IECSC)**: Not determined.
  - Japan inventory**: Not determined.
  - Korea inventory**: Not determined.
  - Malaysia Inventory (EHS Register)**: Not determined.
  - New Zealand Inventory of Chemicals (NZIoC)**: Not determined.
  - Philippines inventory (PICCS)**: Not determined.
  - Taiwan inventory (CSNN)**: Not determined.

**Chemical Weapons** : Not listed

**Convention List Schedule I Chemicals**

**Chemical Weapons** : Not listed

**Convention List Schedule II Chemicals**

**Chemical Weapons** : Not listed

**Convention List Schedule III Chemicals**



## Section 16. Other Information

### History

<b>Date of issue mm/dd/yyyy</b>	: 6/01/2015
<b>Version</b>	: 1
<b>Revised sections</b>	: Not applicable
<b>Prepared by</b>	: Concrete Sealants
<b>Key to abbreviations</b>	: 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

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