



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.
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Tipp City, Ohio 45371
Tel.: 937-845-8776
Toll-free: 800-332-7325
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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 ³ ACGIH TWA: 5 mg/m ³ R NIOSH TWA 5 mg/m ³
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_{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

	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	%
Form R – Reporting requirements	Dibutyl phthalate	0000084-74-2	
Supplier notification	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

Date of issue mm/dd/yyyy	: 6/01/2015
Version	: 1
Revised sections	: Not applicable
Prepared by	: Concrete Sealants
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

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