



SAFETY DATA SHEET

CS-1000

Section 1. Identification

GHS product identifier : CS-1000
Other means of identification : Not Available

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

Since the product is in paste form, the risk of exposure to a carcinogen dust is minimum, this is why the related hazard statements are not shown in the SDS.

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 : Not Classified

GHS label elements

Signal word : No signal word

Hazard statements : No known significant effects or critical hazards.

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 : Not applicable

Response : Not applicable

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

Section 3. Composition/information on ingredients

CAS number : Not applicable
Product code : Not available

Ingredient name	%	CAS number
Benzyl butyl phthalate glycols, polyethylene, mono((1,1,3,3-tetramethylbutyl)phenyl) ether	10-30 1-5	85-68-7 9036-19-5

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 : Not a likely route of exposure.
Inhalation : Not a likely route of exposure.
Skin contact : No first aid should be needed.
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 : 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.

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

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.
See toxicological information
(Section 11)

Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media : Carbon dioxide, dry chemical, foam and water fog or spray.
Unsuitable extinguishing media : None known

Section 5. Firefighting measures

- 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** : 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** : None require if used according to recommended conditions.

Methods and materials for contaminant and cleaning up

- Spill** : Explain the spill clean-up method here.

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.
- Conditions for safe storage, including any incompatibilities** : Not Applicable

Section 8. Exposure Controls / Personal Protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits

- 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 work period.

Section 8. Exposure Controls / Personal Protection

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 :

Other skin protection :

Respiratory protection :

Section 9. Physical and Chemical Properties

Appearance

Physical state : Solid[Paste]

Color :

Odor :

Odor threshold : Not available

pH : Not available

Melting point : Not available

Boiling point : Not available

Flash point : Not available

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 : Not available

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 : 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.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Section 10. Stability and Reactivity

- Incompatible materials** : Reactive or incompatible with the following materials: 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
Benzyl butyl phtalate	LD50 Dermal	Rabbit	>10000 mg/kg	-
	LD50 Dermal	Rat	6700 mg/kg	-
	LD50 Oral	Rat	2330 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Glycols, polyethylene, mono((1,1,3,3-tetramethylbutyl)phenyl) ether	Eyes- Mild irritant	Rabbit	-	15 mg	-
	Eyes- Severe irritant	Rabbit	-	1%	-

Sensitization

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

Mutagenicity

There is no data available

Carcinogenicity

Classification

Product/ ingredient name	OSHA	IARC	NTP
Benzyl butyl phtalate	-	3	-

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)

NAME	Category	Route of exposure	Target organs
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.
- Skin contact** : No known significant effects or critical hazards.

Section 11. Toxicological Information

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.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value

Section 12. Ecological Information

Toxicity

Product/ingredient name	Result	Species	Exposure	
Benzyl butyl phtalate	Acute EC50 0.22 ppm Marine water	Algae-Skeletonema costatum	72 hours	
	Acute EC50 100 µg/L Fresh water	Algae-Pseudokirchneriella subcapitata	96 hours	
	Acute EC50 900 µg/L Fresh water	Crustaceans-Americamysis bahia	48 hours	
	Acute EC50 0.76 mg/L Fresh water	Daphnia-Daphnia magna	2 days	
	Acute LC50 550 µg/L Marine water	Fish-Parophrys-Young of the year	96 hours	
	Glycols, polyethylene, mono ((1,1,3,3-tetramethylbutyl)phenyl) ether	Chronic NOEC 60 µg/L Fresh water	Algae-Pseudokirchneriella subcapitata	96 hours
		Chronic NOEC 0.26 mg/L Fresh water	Daphnia-Daphnia magna	21 days
		Acute EC50 210 µg/L Fresh water	Algae-Pseudokirchneriella subcapitata	96 hours
		Acute LC50 10800 µg/L Marine water	Crustaceans-Pandalus montagui-Adult	48 hours
		Acute LC50 8600 to 9800 µg/L Fresh water	Daphnia-Daphnia magna-Neonate	48 hours
Acute LC50 7200 µg/L Fresh water	Fish-Oncorhynchus mykiss	96 hours		

Persistence and degradability

There is no data available

Bioaccumulative potential

Section 12. Ecological Information

Product/ingredient name	LogPow	BCF	Potential
Benzyl butyl phtalate	4.77	1693.25	high

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	No.	No.	No.
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

: **TSCA 4(a) final test rules:** Acetaldehyde
TSCA 8(a) PAIR: Glycols, Polyethylene, mono((1,1,3,3-tetramethylbutyl)phenyl) ether; Acetaldehyde

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 water act(CWA) 307: Acrylonitrile; Benzyl butyl phtalate
Clean Water Act (CWA) 311: Formaldehyde; Acrylonitrile; Acetaldehyde

Section 15. Regulatory Information

Clean Air Act Section : Not Listed

112 (b) Hazardous Air Pollutants (HAPs)

Clean Air Act Section : Not listed

602 Class I Substances

Clean Air Act Section : Not listed

602 Class II Substances

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)
Formaldehyde	0-0.1	Yes.	-	-	-	-
Acrylonitrile	0-0.1	Yes.	10000	1488	100	14.9
Ethylene oxide	0-0.1	Yes.	1000	-	10	-

SARA 304 RQ : 356011.2 lbs / 161629.1 kg

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
Benzyl butyl phtalate	10-30	No.	No.	No.	No.	Yes.
Glycols, polyethylene, mono((1,1,3,3-tetramethylbutyl)phenyl) ether	1-5	No.	No.	No.	Yes.	No.

SARA 313

	Product name	CAS number	%
Form R – Reporting requirements			
Supplier notification			

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: Magnesium carbonate; Benzyl phtalate

New York : The following components are listed: Butyl benzyl phtalate

New Jersey : The following components are listed: Magnesium carbonate; Benzyl phtalate

Pennsylvania : The following components are listed: Butyl benzyl phtalate

California Prop. 65

WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Section 15. Regulatory Information

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Benzyl butyl phtalate	No.	Yes.	No.	1200 µg/day (ingestion)
Formaldehyde	Yes.	No.	Yes.	No.
Acrylonitrile	Yes.	No.	Yes.	No.
Ethylene oxide	Yes.	Yes.	Yes.	Yes.
1,4-Dioxane	Yes.	No.	Yes.	No.
Acetaldehyde	Yes.	No.	90 µg/day (inhalation)	No.

International regulations

International lists

- : **Australia inventory (AICS):** All components are listed or exempted
- : **China inventory (IECSC):** All components are listed or exempted
- : **Japan inventory:** Not determined.
- : **Korea inventory:** All components are listed or exempted
- : **Malaysia Inventory (EHS Register):** Not determined.
- : **New Zealand Inventory of Chemicals (NZIoC):** All components are listed or exempted
- : **Philippines inventory (PICCS):** All components are listed or exempted
- : **Taiwan inventory (CSNN):** Not determined.

Chemical Weapons Convention List

: Not listed

Schedule I Chemicals

Chemical Weapons Convention List

: Not listed

Schedule II Chemicals

Chemical Weapons Convention List

: Not listed

Schedule III Chemicals

Section 16. Other Information

History

- Date of issue mm/dd/yyyy** : 06/01/2015
- 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.