



# SAFETY DATA SHEET

CS-2000

## Section 1. Identification

**GHS product identifier** : CS-2000  
**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
Crystalline silica, quartz	5-10	14808-60-7
Pyrophyllite	5-10	12269-78-2
P-[[Diiodomethyl]sulphonyl]toluene	0-0.1	20018-09-1

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**

### Section 5. Firefighting measures

#### Extinguishing media

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

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

## Section 5. Firefighting measures

- Hazardous thermal decomposition products** : Decomposition materials may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides
- 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** : Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Do not store in unlabeled containers.

## Section 8. Exposure Controls / Personal Protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
Crystalline silica, quartz	<b>OSHA PEL Z3 (United States, 2/2013).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Respirable TWA: 250 mppcf 8 hours. Form: Respirable <b>NIOSH REL (United States, 10/2013).</b> TWA: 0.05 mg/m <sup>3</sup> 10 hours. Form: Respirable dust <b>ACGIH TLV (United States, 4/2014).</b> TWA: 0.025 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction

- 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, forearm 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. [ Semi-solid]

**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

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation

#### 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
Crystalline silica, quartz	-	1	Known to be a human carcinogen.

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
Crystalline silica, quartz	Category 1	Inhalation	Kidneys, respiratory tract and testes

#### Aspiration hazard

There is no data available

- Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Dermal.

#### 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.

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

## Section 11. Toxicological Information

- 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
P-[(Diiodomethyl)sulphonyl]toluene	Acute EC50 0.071 ppm Fresh water Acute EC50 66.7 ppb Fresh water	Daphnia- Daphnia magna Fish- Oncorhynchus mykiss	48 hours 96 hours

### Persistence and degradability

There is no data available

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential

### 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

## Section 12. Ecological Information

**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

**U.S. Federal regulations** : **TSCA 8 (a) PAIR:** P-[(Diiodomethyl)sulphony]toluene  
**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:** Benzene; Polychloro copper phthalocyanine  
**Clean Water Act (CWA) 311:** Benzene

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not 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

**Section 15. Regulatory Information**

**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
Crystalline silica , quartz	5-10	No.	No.	No.	No.	Yes.
Pyrophyllite	5-10	No.	No.	No.	Yes.	No.
P-[(Diiodomethyl)sulphonyl]toluene	0-0.1	No.	No.	No.	Yes.	No.

**SARA 313**

	Product name	CAS number	%
<b>Form R – Reporting requirements</b>			
<b>Supplier notification</b>			

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: Mica; Crystalline silica, quartz
- New York** : None of the components are listed.
- New Jersey** : The following components are listed: 1,2-Propylene; glycol; Mica; Crystalline silica, quartz
- Pennsylvania** : The following components are listed: 1,2-Propylene glycol; Crystalline silica, quartz

**California Prop. 65**

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Crystalline silica, quartz	Yes.	No.	No.	No.
Benzene	Yes.	Yes.	6.4 µg/day 13 µg/day	24 µg/day (inhalation) 49µg/day (inhalation)

**International regulations**



## Section 15. Regulatory Information

<b>International lists</b>	: <b>Australia inventory (AICS):</b> Not determined. <b>China inventory (IECSC):</b> Not determined. <b>Japan inventory:</b> Not determined. <b>Korea inventory:</b> Not determined. <b>Malaysia Inventory (EHS Register):</b> Not determined. <b>New Zealand Inventory of Chemicals (NZIoC):</b> Not determined. <b>Philippines inventory (PICCS):</b> Not determined. <b>Taiwan inventory (CSNN):</b> Not determined.
<b>Chemical Weapons Convention List Schedule I Chemicals</b>	: Not listed
<b>Chemical Weapons Convention List Schedule II Chemicals</b>	: Not listed
<b>Chemical Weapons Convention List Schedule III Chemicals</b>	: Not listed

## Section 16. Other Information

### History

<b>Date of issue mm/dd/yyyy</b>	: 06/01/2015
<b>Version</b>	: 1
<b>Revised sections</b>	: Not applicable
<b>Prepared by</b>	: Concrete Sealant Inc
<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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