



SAFETY DATA SHEET

CS-1800 (BLACK)

Section 1. Identification

GHS product identifier : CS-1800 - Black
Other means of identification : Cold Applied Waterproofing Coating

Relevant identified uses of the substance or mixture and uses advised against

Used as a water proofing membrane or coating

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

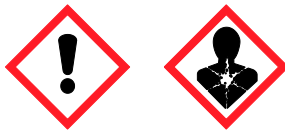
Emergency telephone number (with hours of operation) : 937-845-8776 or 800-332-7325
(6am to 5pm EST)

Section 2. Hazards Identification

OSHA/HCS status : While this material is 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 : Reproductive toxicity-Category 2 (developmental toxicity)
Acute toxicity-Category 4 (oral and dermal)
Acute toxicity – Category 4 (inhalation)
Eye irritant – Category 2

GHS label elements



Signal word : Warning

Hazard statements : Suspected of damaging the unborn child. Harmful if inhaled, swallowed or in contact with skin. Causes serious eye irritation.

Precautionary statements

Prevention : Obtain special instructions before use. Do not handle until all precautions have been read and understood. Wear protective gloves, protective clothing, eye/face protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing vapor. Use in a well ventilated area.

Response : If exposed or concerned: Get medical advice/attention. If swallowed: Call a poison center or doctor if you feel unwell. Rinse mouth. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Storage : Store locked up in a well ventilated area.

Disposal : Dispose of contents/container in accordance with local/regional/national/international 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
Trimethoxy vinylsilane	<2	2768-02-07
3-(trimethoxysilyl) propylamine	<2	13822-56-5
Quartz	<0.3	14808-60-07
Dioctyltin dilaurate	>0.1	3648-18-8

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 for 15 minutes. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation : Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen.

Skin contact : Flush contaminated skin with plenty of water for 15 minutes. Wash with soap and water

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 two glasses of water to drink. Do not induce vomiting. If vomiting occurs give additional fluids. Get medical attention immediately.

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** : Methanol (CAS 67-56-1) is readily and rapidly absorbed at all exposure routes and is toxic by all routes. Methanol may cause irritation of the mucosa, as well as nausea, vomiting, headaches, vertigo and visual disorders, including blindness (irreversible damage to the optic nerve), acidosis, spasms, narcosis and coma. There may be a delay in the onset of these effects after exposure.
- Specific treatments** : None known
- Protection of first-aiders** : None known

Section 5. Firefighting measures

Extinguishing media

- Suitable extinguishing media** : Water mist, carbon dioxide, dry chemical or alcohol resistant foam.
- Unsuitable extinguishing media** : Sharp water jet

Specific hazards arising from the chemical : Material support combustion. Vapors are heavier than air and may travel along the ground, be moved by ventilation systems, settle in pits or low areas, and be ignited by ignition sources distant from the handling point. The material is lighter than water; burning spilled material will float on top of any water released from hose or sprinkler systems spreading the fire beyond the initial fire response area. Never use welding or cutting torch on or near any container of this material, even if empty, because an explosion could occur.

Hazardous thermal decomposition products : Decomposition materials may include the following materials: carbon dioxide, carbon monoxide, formaldehyde, silicon dioxide, nitrogen oxides and incompletely burnt hydrocarbons.

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. Cool endangered containers with water.

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** : Put on appropriate personal protective equipment (see Section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Avoid inhaling mist or vapors. **HAZWOPER PPE Level D**

Methods and materials for contaminant and cleaning up

- Spill** : Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/ state/ federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent/ soap solution or another biodegradable cleaner. Exhaust vapors.

Section 7. Handling and storage

Precautions for safe handling

Section 7. Handling and storage

- Protective measures** : Ensure adequate ventilation. Keep away from incompatible substances in accordance with section 10. Make sure there is no possibility of entering the ground. Protect against moisture. Store in original container only. Keep container tightly closed and store in a cool, well ventilated place.
- Advice on general occupational hygiene** : Product can separate methanol. Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and unclean containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging.
- Conditions for safe storage, including any incompatibilities** : Prevent material from entering surface water, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/ extinguishing water. Dispose of in prescribed marked containers. Spills of material which could reach surface water must be reported to the United States Coast Guard National Response Center's toll free number (800)-424-8802.

Section 8. Exposure Controls / Personal Protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
67-56-1 Methanol	OSHA PEL 260.0 mg/m ³ 200 ppm ACGIH TWA 200.0 ppm STEL 250 ppm skin notation (ACGIH);(NIOSH)

- 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** : Avoid contact with eyes, skin and clothing. Avoid breathing dust/ vapor/ mist/ gas/ aerosol. Do not eat, drink or smoke when handling. Follow standard industrial hygiene practices when using this material. Wash thoroughly after handling.

- Eye/face protection** : Safety glasses with side-shields. Additional eye and face protection, splash-proof goggles, hood, full-faced respirator, or face shield is recommended if splashing occur.

Skin protection

- Hand protection** : Any liquid-tight rubber or vinyl rubber protective glove.

- Body protection** : Provide eye bath and safety shower.

- Other skin protection** :

- Respiratory protection** : Respiratory protection is not normally required. A NIOSH approved air purifying respirator equipped with universal multi-containment, multi-gas/vapor cartridges and at least P-99 solid/aerosol particulate filters is recommended if overexposure to dusts, mists, or vapors could occur.

Section 9. Physical and Chemical Properties

Appearance

- Physical state** : Self leveling
- Color** : Black
- Odor** : characteristic
- Odor threshold** : Not available
- pH** : Not available
- Melting point** : Not available

Section 9. Physical and Chemical Properties

Boiling point	: Not available	
Flash point	: >200°C (>392°F)	(ISO 2592)
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	: 55000 centipoise at 23°C (73°F)	

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	: moisture
Incompatible materials	: React with water. Reaction causes the formation of: methanol.
Hazardous decomposition products	: Under effect of humidity, water and protic agents: methanol.

Section 11. Toxicological Information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
CS-1800	LD50 LD50	Rat Rat	2000 mg/kg 2000 mg/kg	ORAL DERMAL

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
There is no data available					

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

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 :

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

- 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
<p>Quartz has been classified by IARC as carcinogen group 1 (“carcinogen to humans”) and by NTP as known to be human carcinogen. No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.</p> <p>Methanol (CAS 67-56-1) is readily and rapidly absorbed at all exposed routes and is toxic by all routes. Methanol may cause irritation of mucosa, as well as nausea, vomiting, headaches, vertigo and visual disorders, including blindness (irreversible damage to the optic nerve), acidosis, spasms, narcosis and coma. There may be a delay in the onset of these effects after exposure.</p>	

Section 12. Ecological Information

Toxicity

None known

Persistence and degradability

Silicone: Biologically not degradable. Separation by sedimentation.

Hydrolysis (Methanol) is readily biodegradable.

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 : Material that cannot be used, reprocessed or recycled should be disposed of in accordance with federal, state and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration. Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/ state/ federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

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	-	-	-

Section 14. Transport Information

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) 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

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

SARA 313

	Product name	CAS number	%
Form R – Reporting requirements	Methanol N,N-Dimethylformamide	67-56-1 68-12-2	0.1477 0.0004
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 : 1317-65-3 Calcium carbonate, 14808-60-7 Quartz

New York :

New Jersey : 14808-60-7 Quartz

Pennsylvania : 1317-65-3 Calcium carbonate, 14808-60-7 Quartz

Section 15. Regulatory Information

California Prop. 65

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Quartz Methanol	Yes Yes	Yes		

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 Convention List Schedule I Chemicals : Not listed

Chemical Weapons Convention List Schedule II Chemicals : Not listed

Chemical Weapons Convention List Schedule III Chemicals : Not listed

Section 16. Other Information

History

Date of issue mm/dd/yyyy : 09/01/2015
Version : 1
Revised sections : Not applicable
Prepared by : Concrete Sealant

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

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