



# SAFETY DATA SHEET

CS-50

## Section 1. Identification

**GHS product identifier** : CS-50  
**Other means of identification** : Liquid Butyl Primer

### 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** : Flammable liquids-Category-2  
Acute toxicity,oral-Category-4  
Acute toxicity,dermal-Category-3  
Skin corrosion/irritation-Category-2  
Serious eye damage/eye irritation-Category-2A  
Carcinogenicity-Category-2  
Reproductive toxicity (the unborn child)-Category-2  
Specific target organ toxicity, single exposure-Category-3 narcotic effects  
Specific target organ toxicity, repeated exposure-Category-2  
Hazardous to the aquatic environment, acute hazard-Category-2  
Hazardous to the aquatic environment, long-term hazard-Category-2



### GHS label elements

**Signal word** : DANGER

**Hazard statements** : Highly flammable liquid and vapor. Harmful if swallowed. Toxic in contact with skin. Causes skin irritation. Causes serious eye irritation. Fatal if inhaled. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

## Section 2. Hazards Identification

### 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** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection.
- Response** : If swallowed: Call a poison center/doctor if you feel unwell. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Specific treatment is urgent (see this label). Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical attention. Take off immediately all contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.
- Storage** : Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.
- Disposal** : Dispose of contents/container in accordance with local/regional/national/international regulations.
- Hazards not otherwise classified** : Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

## 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
Toluene	70 - < 80	108-88-3
Carbon black	3 - < 5	1333-86-4
Xylene	3 - < 5	1330-20-7
Ethylbenzene	1 - < 3	100-41-4
Other components below reportable levels	20 - <30	

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 for 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Does not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention if symptoms occur.
- Skin contact** : Take off immediately contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
- Ingestion** : Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into lungs. Get medical advice/attention if you feel unwell.

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

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

### Indication of immediate medical attention and special treatment needed, if necessary

- Physician Information** : Provide general supportive measures and treat symptomatically. Thermal burns: flush with water immediately. While flushing, remove clothing which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
- General Information** : Take off immediately all contaminated clothing. **If exposed or concerned:** Get medical attention. If you feel unwell, seek medical advice (show the label where possible). Ensure medical personnel are aware of the materials involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

## Section 5. Firefighting measures

### Extinguishing media

- Suitable extinguishing media** : Water fog. Foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical powder, sand or earth may be used for small fire only.
- Unsuitable extinguishing media** : Do not use water jets as an extinguisher, as this will spread the fire.

### Specific hazards arising from the chemical

- : Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charge. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
- : **Highly flammable liquid and vapor.**

## Section 5. Firefighting measures

- Special protective actions for firefighters** : In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.
- Special protective equipment for firefighters** : Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## Section 6. Accidental release measures

- Personal precautions, protective equipment and emergency procedures** : Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flames, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe in vapors or spray mist. Do not touch damage containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environment contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillage cannot be contained. For personal protection, see section 8 of the SDS.
- Methods and materials for contaminant and cleaning up** : Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustible (wood, paper, oil, etc.) away from spilled material. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which leads to waterways.
- Large spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
- Small Spills:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residue contamination.
- Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
- Environmental Precautions** : Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water course or onto the ground. Use appropriate containment to avoid environmental contamination.



# SAFETY DATA SHEET

CS-50

## Section 7. Handling and storage

**Precautions for safe handling**

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe vapors or spray mist. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. Wash contaminated clothing before reuse. Avoid release to the environment. Do not empty into drains.

**Conditions for safe storage, including any incompatibilities**

: Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Avoid spark promoters. Eliminate sources of ignition. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a well-ventilated place. Refrigeration recommended. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## Section 8. Exposure Controls / Personal Protection

**Control parameters**

**Occupational exposure limits**

Ingredient name	Exposure limits
Carbon black	OSHA PEL: 3.5 mg/m <sup>3</sup> ACGIH TWA: 3 mg/m <sup>3</sup> - Inhalable fraction NIOSH TWA: 0.1 mg/m <sup>3</sup>
Ethylbenzene	OSHA PEL: 435 mg/m <sup>3</sup> or 100 ppm ACGIH TWA: 20 ppm NIOSH STEL: 545 mg/m <sup>3</sup> or 125 ppm TWA: 435 mg/m <sup>3</sup> or 100 ppm
Xylene	OSHA PEL: 435 mg/m <sup>3</sup> or 100 ppm ACGIH STEL: 150 ppm TWA : 100 ppm
Toluene	OSHA CEILING: 300 ppm TWA: 200 ppm ACGIH TWA: 20 ppm NIOSH STEL: 560 mg/m <sup>3</sup> 150 ppm TWA: 375 mg/m <sup>3</sup> 100 ppm

## Section 8. Exposure Controls / Personal Protection

### Biological Limit Values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Ethylbenzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric	Creatinine in urine	*

\* - For sampling details, please see the source document.

### Exposure guidelines

#### US – California OELs: Skin designation

Toluene (CAS 108-88-3)

Can be absorbed through the skin

#### US – Minnesota Haz Subs: Skin designation applies

Toluene (CAS 108-88-3)

Skin designation applies

### Appropriate engineering controls

: Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be match to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency showers must be available when handling this product.

### Individual protection measures

#### Hygiene measures

: When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and /or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

#### Eye/face protection

: Chemical respirator with organic vapor cartridge and full facepiece.

#### Skin protection

##### Hand protection

: Wear appropriate chemical resistant gloves.

##### Other

: Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

##### Thermal hazards

: Wear appropriate thermal protective clothing, when necessary.

#### Respiratory protection

: Chemical respirator with organic vapor cartridge and full facepiece.

## Section 9. Physical and Chemical Properties

### Appearance

#### Physical state

: Liquid

#### Color

: Black

#### Odor

: Hydrocarbon-like

#### Odor threshold

: Not available

#### pH

: Not available

#### Melting point

: -138.82°F (94.9°C) estimated

## Section 9. Physical and Chemical Properties

<b>Boiling point</b>	: -231.08°F (110.6°C) estimated
<b>Flash point</b>	: 40.0°F (4.4°C) estimated
<b>Burning time</b>	: Not available
<b>Burning rate</b>	: Not available
<b>Evaporation rate</b>	: Not available
<b>Flammability (solid, gas)</b>	: Not available
<b>Flammability Limit</b>	: (lower) 1.3% estimated (upper) Not available
<b>Lower and upper explosive (flammable) limits</b>	: Not available
<b>Vapor pressure</b>	: 37.86 hPa estimated
<b>Vapor density</b>	: Not available
<b>Relative density</b>	: Not available
<b>Solubility</b>	: Not available
<b>Solubility in water</b>	: Not available
<b>Partition coefficient n-octanol/water</b>	: Not available
<b>Auto-ignition temperature</b>	: 896°F (480°C) estimated
<b>Decomposition temperature</b>	: Not available
<b>SADT</b>	: Not available
<b>Viscosity</b>	: Not available
<b>Other information</b>	
<b>Density</b>	: 7.00 lb/gal estimated
<b>Flammability class</b>	: Flammable 1B estimated
<b>Percent volatile</b>	: 70-80 %
<b>Specific gravity</b>	: 0.8 estimated
<b>VOC (weight %)</b>	: 70-80 %

## Section 10. Stability and Reactivity

<b>Reactivity</b>	: The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	: The product is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	: Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	: Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	: Strong acids. Strong oxidizing agents. Halogens.
<b>Hazardous decomposition products</b>	: No hazardous decomposition products are known.





# SAFETY DATA SHEET

CS-50

## Section 11. Toxicological Information

### Information on the likely routes of exposure

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Fatal if inhaled. May cause drowsiness and dizziness. Headache. Nausea, vomiting. May cause damage to organs through prolonged or repeated exposure by inhalation.
- Skin contact** : Toxic in contact with skin. Causes skin irritation.
- Ingestion** : Harmful if swallowed.

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

- : May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

- Acute toxicity** : Fatal if inhaled. Toxic in contact with skin. Harmful if swallowed. Narcotic effect.

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
CS-50 Primer	LD50 Dermal	Rabbit	17153.0938 mg/kg est 20.1429 ml/kg estimated	- -
		Mouse	97675 mg/l estimated 7600 ppm estimated 571.4286 ppm estimated	6 hours 8 hours 24 hours
	Rat		38142.8555 ppm est 17428.5723 ppm est 11428.5713 ppm est	1 hours 2 hours 4 hours
			LD50 Oral	Mouse
	Rat	3.7143 g/kg estimated		-
	LD50 Other	Mouse	84.2545 mg/kg estimated	-
		Rat	90.4827 mg/kg estimated	-
	Carbon black (CAS 1333-86-4)	LD50 ORAL	Rat	>8000 mg/kg
Ethylbenzene (CAS 100-41-4)	LD50 Dermal	Rabbit	17800 mg/kg	-
	LD50 Oral	Rat	3500 mg/kg	-
	LD50 other	Mouse	2272 mg/kg	-
Toluene (CAS 108-88-3)	LD50 Dermal	Rabbit	12124 mg/kg 14.1 ml/kg	-
		Mouse	5320 ppm 400 ppm	8 hours 24 hours
	Rat		26700 ppm 12200 ppm	1 hour 2 hour
			LD50 Oral	Rat
	LD50 Other	Mouse	59 mg/kg	-
		Rat	1332 mg/kg	-
	Xylene (CAS 1330-20-7)	LD50 Dermal LC50 inhalation	Rabbit	>43 g/kg
Mouse			3907 mg/l	6 hours
Rat			6350 mg/l	4 hours
LD50 Oral		Mouse	1590 mg/kg	-
		Rat	3523-8600 mg/kg	-
LD50 Other		Rat	3.8 mg/kg	-

- Skin corrosion/irritation** : Causes skin irritation.



## Section 11. Toxicological Information

**Serious eye damage/eye irritation** : Causes serious eye irritation.

**Respiratory or skin sensitization**

**Skin** : This product is not expected to cause skin sensitization.

**Respiratory** : There is no data available

**Germ cell mutagenicity** : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** : Suspected of causing cancer.

**Overall evaluation of Carcinogenicity**

Product/ ingredient name	OSHA	IARC
Carbon black (CAS 1333-86-4)	Not listed	2B Possibly carcinogenic to humans.
Ethylbenzene (CAS 100-41-4)	Not listed	2B Possibly carcinogenic to humans.
Toluene (CAS 108-88-3)	Not listed	3 Not classifiable as to carcinogenicity to humans.
Xylene (CAS 1330-20-7)	Not listed	3 Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity** : Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging the unborn child.

**Specific target organ toxicity (single exposure)** : May cause drowsiness and dizziness.

**Specific target organ toxicity (repeated exposure)** : May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard** : Not available

**Chronic effects** : Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. May cause damage to organs through prolonged or repeated exposure.

## Section 12. Ecological Information

**Ecotoxicity** : Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

Product/ingredient name	Test	Species	Result
CS-50 Primer	Crustacea EC50	Daphnia	14.0907 mg/l, 48 hours est
	Fish LC50	Fish	112.5071 mg/l, 96 hours est
Ethylbenzene (CAS 100-41-4)	Crustacea EC50	Water flea (Daphnia magna)	1.37-4.4 mg/l, 48 hours
	Fish LC50	Fathead minnow (Pimephale promelas)	7.5-11 mg/l, 96 hours
Toluene (CAS 100-88-3)	Crustacea EC50	Water Flea (Daphnia magna)	5.46-9.83 mg/l, 48 hours
	Fish LC50	Coho Salmon, silver salmon (Oncorhynchus mykiss)	8.11 mg/l, 96 hours
Xylene (CAS 1330-20-7)	Fish LC50	Bluegill (Lepomis macrochirus)	10.464-13.762 mg/l, 96 hours
		Rainbow trout, Donaldson trout (Oncorhynchus mykiss)	11.9-25.1 mg/l, 24 hours

## Section 12. Ecological Information

- Persistence and degradability** : There is not data available.
- Bioaccumulative potential** : Not available.
- Partition coefficient n-octanol / water (log Kow)**
- |              |          |
|--------------|----------|
| Ethylbenzene | 3.15     |
| Toluene      | 2.73     |
| Xylene       | 3.12-3.2 |
- Mobility in soil** : No data available
- Other adverse effects** : No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## Section 13. Disposal Considerations

- Disposal instructions** : Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewer/water supplies. Do not contaminate ponds, waterways, or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
- Local disposal regulations** : Dispose in accordance with all applicable regulations.
- Hazardous waste code** : The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
- US RCRA Hazardous Waste U List: Reference**
- |                        |        |
|------------------------|--------|
| Toluene (CAS 108-88-3) | : U220 |
| Xylene (CAS 1330-20-7) | : U239 |
- Waste from residues / unused products** : Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
- Contaminated packaging** : Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

<b>Section 14. Transport Information</b>			
	<b>DOT Classification</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN number</b>	UN1133	UN1133	UN1133
<b>UN proper shipping name</b>	Adhesives, containing flammable liquid, MARINE POLLUTANT	Adhesives containing flammable liquid, MARINE POLLUTANT	Adhesives containing flammable liquid
<b>Transport hazard class(es)</b>	Class 3 Labels 3	3	3
<b>Packing group</b>	II	II	II
<b>Environmental hazards</b>	Yes. Marine pollutant	Yes. Marine pollutant	Yes.
<b>ERG Code</b>	-----	-----	3L
<b>EmS</b>	-----	F-E, S-D	-----
<b>Special provisions</b>	149, B52, IB2, T4, TP1, TP8	-----	-----
<b>Packaging exceptions</b>	150	-----	-----
<b>Packaging non-bulk</b>	173	-----	-----
<b>Packaging bulk</b>	242	-----	-----
<b>Other information</b>	-----	-----	Passenger and cargo aircraft: allowed Cargo aircraft only: allowed

**Special precautions for user** : Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : This substance/mixture is not intended to be transported in bulk.



DOT



IATA; IMDG



DOT; IMDG

**General information** : DOT Regulated Marine Pollutant. IMDG Regulated Marine Pollutant.



# SAFETY DATA SHEET

CS-50

## Section 15. Regulatory Information

**U.S. Federal regulations** : This product is a “hazardous chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)** : Not regulated

**CERCLA Hazardous Substance List (40 CFR 302.4)**  
Ethylbenzene (CAS 100-41-4)  
Tolulene (CAS 108-88-3)  
Xylene (CAS 1330-20-7)

**SARA 304 Emergency release notification** : Not regulated

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** : Not listed

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**  
Immediate Hazard – Yes  
Delayed Hazard – Yes  
Fire Hazard – Yes  
Pressure Hazard – No  
Reactivity Hazard – No

**SARA 302 Extremely hazardous substance** : Not listed

**SARA 311/312 Hazardous chemical** : No

**Sara 313 (TRI reporting)**

Chemical Name	CAS number	% by weight
Tolulene	108-88-3	70 - <80
Xylene	1330-20-7	3 - <5
Ethylbenzene	100-41-4	1 - <3

**Other federal regulations**

**Clean Air Act (CAA) Section 112(r) Hazardous Air Pollutants (HAPs) List**

Ethylbenzene (CAS 100-41-4)  
Tolulene (CAS 108-88-3)  
Xylene (CAS 1330-20-7)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated

**Safe Drinking Water Act (SDWA)** : Not regulated

**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04 (f)(2))**

**Chemical code number** : Tolulene (CAS 108-88-3) 6594

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

: Tolulene (CAS 108-88-3) 35% WV

## Section 15. Regulatory Information

### DEA Exempt Chemical Mixtures Code Number

: Toluene (CAS 108-88-3) 594

### State regulations

**Massachusetts** : Carbon black; Ethylbenzene; Toluene; Xylene

**New Jersey** : Carbon black; Ethylbenzene; Toluene; Xylene

**Pennsylvania** : Carbon black; Ethylbenzene; Toluene; Xylene

**California Prop 65** : WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US – California Proposition 65 – CRT: Listed date/Carcinogenic substance

2/21/2003 – Carbon Black

6/11/2004 - Ethylbenzene

US – California Proposition 65 – CRT: Listed date/Developmental toxin

1/1/1991 - Toluene

US – California Proposition 65 – CRT: Listed date/Female reproductive toxin

8/7/2009 - Toluene

### International regulations

#### International lists

: **Australia inventory (AICS):** Yes

**Canada Domestic Substance List (DSL):** Yes

**Canada Non-domestic Substance List (NDSL):** No

**China inventory (IECSC):** Yes

**Europe (EINECS):** No

**Europe (ELINCS):** No

**Japan inventory:** No

**Korea inventory:** Yes

**New Zealand Inventory of Chemicals (NZIoC):** Yes

**Philippines inventory (PICCS):** Yes

**United States & Puerto Rico (TSCA):** Yes

A “yes” above indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A “no” above indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).



# SAFETY DATA SHEET

CS-50

## Section 16. Other Information

### History

**Date of issue mm/dd/yyyy** : 09/01/2015

**Version** : 1

**Revised sections** :

**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.