

CCI-1000 CONCRETE & MASONRY SEALER

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: CCI-1000 CONCRETE & MASONRY SEALER.

Synonyms: None

Chemical family: Solvent.

Supplier: Same as manufacturer.

Manufacturer: Concreation Canada Inc.
582 Rivermede Road, Unit 8
Concord ON
L4K 2H5 Tel: (905) 482-3837.

Manufacturer emergency phone number: Chemtrec 800-424-9300.

Information phone number: 905-482-3837.

Section 2: HAZARD IDENTIFICATION

GHS Classification

Health Hazard Class(es): Skin corrosion/irritation, category 2 Irritant.
Serious eye damage/eye irritation, category 2A Irritant.
Specific target organ toxicity following single exposure, category 3.
Acute toxicity, category 4 (inhalation).

Physical Hazard Class(es): Flammable liquid, category 2.

Environmental Hazard Class(es): No environmental hazard class.

GHS Label Elements

Symbol:



Signal word: DANGER.

Hazard statement(s): H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

Precautionary statement(s): P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking.
 P233 Keep container tightly closed.
 P240 Ground and bond container and receiving equipment.
 P241 Use explosion–proof electrical/ventilating/lighting and all material handling equipment.
 P242 Use non–sparking tools.
 P243 Take action to prevent static discharges.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264 Wash face, hands and any exposed skin thoroughly after handling.
 P271 Use only outdoors or in a well–ventilated area.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P501 Dispose of contents/container in accordance with local/regional/national regulations.

Other hazard(s): Not available.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	EINECS#
1330–20–7	7–13	XYLENE	215–535–7
540–88–5	40–70	TERT–BUTYL ACETATE	208–760–7

Section 4: FIRST AID MEASURES

Skin contact: Immediately flush skin with plenty of water and soap for 15 minutes while removing contaminated clothing and shoes.
 Seek medical attention if irritation persists.

Eye contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Get prompt medical attention.
 Check for and remove contact lenses.

Inhalation: Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.

Ingestion: Obtain immediate medical attention.
 Do not induce vomiting, keep person warm, quiet.
 Never give anything by mouth to an unconscious person.
 Rinse mouth with water.

Section 5: FIRE FIGHTING MEASURES

Flammability: Flammable.

Extinguishing media: Foam
 Water fog.
 Carbon dioxide.
 Extinguishing powder.
 Do not use a solid stream of water.

Conditions of flammability: Vapours may travel to a source of ignition and flash back.
 Heat, sparks and open flames.

Special procedures: Firefighters should wear adequate protective gear.
 Self–contained breathing apparatus required.
 Use water spray to cool fire exposed containers.
 This material may produce a floating fire hazard.

Sensitivity to static discharge: Not available.

Sensitivity to mechanical impact: Not available.

Rate of burning: Not available.

Hazardous combustion products: Not available.

Section 6: ACCIDENTAL RELEASE MEASURES

Leak/Spill: Eliminate all sources of ignition.
Dike area to prevent spreading.
Evacuate all non-essential personnel.
Prevent entry into drains, sewers, and other waterways.
Stop leak if without risk.
Ventilate area.
Wear appropriate protective equipment.
Ground handling equipment.
Use non-sparking tools.
Place in a closed container for disposal.
Absorb with clay, dry sand or other inert material.

Section 7: HANDLING AND STORAGE

Handling procedures: Keep away from heat, sparks, and open flame.
Avoid breathing vapors/mists.
Use adequate ventilation.
Wear personal protective equipment appropriate to task.
Wash thoroughly after handling.
Use non-sparking tools.
Use proper grounding procedures.
Avoid contact with skin, eyes and clothing.
Do not eat, drink or smoke in handling area.
Use with explosion proof equipment.
Launder contaminated clothing prior to reuse.

Storage procedures: Store away from all sources of ignition.
Store away from incompatible materials.
Store in original container.
Store in a cool, dry and well ventilated area.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves/Type:



Neoprene or nitrile gloves.
Chemical impervious gloves.

Respiratory/Type:



NIOSH/MSHA approved air-purifying or air-supplied.

Eye/Type: 

Safety glasses with side-shields.



Face shield.
Chemical safety goggles.

Footwear/Type: Impervious boots.

Clothing/Type: Long sleeve shirt, long trousers.
Rubber apron.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Exhaust ventilation if used indoors on a continuous basis.

Exposure limit of material: Not available for mixture, see the ingredients section.

Ingredients:

C.A.S.	Ingredient Name	T.L.V.	OSHA-PEL TWA	STEL	ACGIH-TLV TWA	STEL	NIOSH STEL
1330-20-7	XYLENE	100 PPM	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
540-88-5	TERT-BUTYL ACETATE	200 PPM	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Clear
Sharp sweetish odour.

Odor threshold (ppm): Not available.

pH: Not available.

Melting point (°C): Not available.

Boiling point (°C): Not available.

Freezing point (°C): Not available.

Flash point (°C), method: Setflash Closed Cup.
~ 4.4°C.

Auto-ignition temperature (°C): Not available.

Explosive power: Closed containers may rupture or explode due to pressure build-up when exposed to extreme heat.

Lower explosive limit: Not available.

Upper explosive limit: Not available.

Vapour pressure (mmHg): Not available.

By weight: 80%

Specific gravity @ 20 °C: 0.9-1.0.

Density: Not available.

Relative density: Not available.
Vapour density (air=1): Not available.
Evaporation rate (butyl acetate = 1): Not available.
Solubility in water (%): Not available.
Coefficient of water\oil dist.: Not available.
Viscosity: Not available.
VOC: Not available.
Solid content: Not available.

Section 10: STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.
Conditions of instability: Heat, sparks & open flame.
Contact with incompatible substances.
Excessive temperatures.
Hazardous polymerization: Not available.
Incompatible substances: Strong oxidizers.
Hazardous products of decomposition: Oxides of carbon (CO, CO2).
Hydrocarbons.

Section 11: TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

Route of entry: Skin contact, eye contact, inhalation and ingestion.
Eye contact: May cause damage.
Causes eye irritation.
Skin contact: May cause irritation.
Skin absorption: Not available.
Inhalation: May cause damage to the lungs.
May cause drowsiness.
May cause lung damage.
May cause central nervous system damage.
May cause brain damage.
Ingestion: Abdominal discomfort, nausea, dizziness and breathing difficulties.
Harmful if swallowed.
Effects of chronic exposure: Prolonged or repeated skin contact may cause drying or cracking of skin.
Sensitization to product: Not available.
Carcinogenic effects: Not available.
Reproductive effects: Not available.
Teratogenicity: Not available.
Mutagenicity: Not available.

Synergistic materials: Not available.

LD50 of product, species & route: Not available for mixture, see the ingredients section.

LC50 of product, species & route: Not available for mixture, see the ingredients section.

Ingredients:

C.A.S.	Ingredient Name	LD/50	LC/50
1330-20-7	XYLENE	4300 MG/KG RAT ORAL 2119 MG/KG MOUSE ORAL >1700 MG/KG RABBIT DERMAL	5000 PPM/4 HR RAT INHALATION
540-88-5	TERT-BUTYL ACETATE	4100 MG/KG RAT ORAL >2000 MG/KG RABBIT DERMAL	>2230 MG/M3/4H RAT INHALATION

Section 12: ECOLOGICAL INFORMATION

Environmental fate: Not available.

Environmental toxicity: Not available.

Section 13: DISPOSAL CONSIDERATIONS

Waste disposal: In accordance with municipal, provincial and federal regulations.

Section 14: TRANSPORT INFORMATION

TDG classification:

PAINT
UN1263
Class 3
PG III.



DOT: Not available.

ICAO/IATA: Not available.

IMDG: Not available.

Special instructions: Not available.

Marine Pollutant: Not available.

Section 15: REGULATORY INFORMATION

DSL status: The substance(s) listed in section 2 appear on the Domestic Substances List.

CERCLA reportable quantity: Not available.

TSCA inventory: Appears.

SARA Section 313: Not available.

SARA hazard categories sections Immediate (Acute) Health Hazard: Yes.

311/312: Delayed (Chronic) Health Hazard: Yes.

Fire Hazard: Yes.

Sudden Release of Pressure: No.

Reactive: No.

CA Proposition 65: Not available.

Health Hazard: 2

Flammability: 3

Physical hazard: 0

NFPA Health Hazard: 2

NFPA Flammability: 3

NFPA Reactivity: 0

NFPA:



Section 16: OTHER INFORMATION

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Date of the latest SDS revision: 2016/10/27.

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