

**CCI-400 BOND COAT & BROOM FINISH – GREY/WHITE**

**Section 1: PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** CCI-400 BOND COAT AND BROOM FINISH.

**Synonyms:** None

**Chemical family:** Concrete admixture.

**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 1 Irreversible effects.  
Carcinogenicity, category 1.  
Specific target organ toxicity following single exposure, category 3.  
Specific target organ toxicity following repeated exposure, category 1.

**Physical Hazard Class(es):** No physical hazard class.

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

**GHS Label Elements**

**Symbol:**



**Signal word:** DANGER.

**Hazard statement(s):** H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.  
H350 May cause cancer.  
H372 Causes damage to organs through prolonged or repeated exposure.

**Precautionary statement(s):** P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P260 Do not breathe 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.  
P310 Immediately call a POISON CENTER or doctor.  
P321 Specific treatment is advised – see first aid.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P308 + P313 IF exposed or concerned: Get medical advice/attention.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P405 Store locked up.  
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#
1305-78-8	0-1	CALCIUM OXIDE	
1317-65-3	0-1	CALCIUM CARBONATE	215-279-6
14808-60-7	55-60	SILICA, QUARTZ	238-878-4
65997-15-1	25-30	PORTLAND CEMENT	

### Section 4: FIRST AID MEASURES

**Skin contact:** Immediately flush skin with plenty of water for 15 minutes while removing contaminated clothing and shoes.  
Seek immediate medical attention.  
For burns, obtain immediate medical attention.

**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.  
Take care not to flush contaminated water into unaffected eye.

**Inhalation:** Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.  
Do not give mouth to mouth respiration. If breathing has ceased, apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

**Ingestion:** Obtain immediate medical attention.  
Do not induce vomiting.  
Never give anything by mouth to an unconscious person.

### Section 5: FIRE FIGHTING MEASURES

**Flammability:** Not flammable.

**Extinguishing media:** As suitable for surrounding fire.

**Conditions of flammability:** Surrounding fire.

**Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.

**Sensitivity to static discharge:** Not available.

**Sensitivity to mechanical impact:** Not available.

**Rate of burning:** Not applicable.

**Hazardous combustion products:** None known.

### Section 6: ACCIDENTAL RELEASE MEASURES

**Leak/Spill:** Avoid dust accumulation.  
Evacuate all non-essential personnel.  
Prevent entry into drains, sewers, and other waterways.  
Wear appropriate protective equipment.  
Avoid breathing dust.  
Avoid generating airborne dust.  
Scoop up and place in appropriate container.  
Wet sweeping or vacuuming using HEPA or similarly approved filtration are recommended methods.  
Move containers from spill area.

### Section 7: HANDLING AND STORAGE

**Handling procedures:** Use adequate ventilation.  
Avoid skin and eye contact.  
Wear personal protective equipment appropriate to task.  
Equipment must be grounded to prevent static sparks.  
Wash thoroughly after handling.  
Avoid generating or breathing dust.  
Launder contaminated clothing prior to reuse.


**Storage procedures:** Store away from incompatible materials.  
Keep out of direct sunlight.  
Store in a cool and dry place.  
Protect from moisture.  
Store away from all sources of heat.  
Protect from humidity.  
Store away from food, drink and animal feed.

### Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Gloves/Type:**



Wear impervious gloves.

**Respiratory/Type:** 

Wear a NIOSH/MSHA approved respirator if ventilation is inadequate.


**Eye/Type:** 

Safety glasses with side-shields.



Face shield.  
Do not wear contact lenses.

**Footwear/Type:** Impervious boots.

**Clothing/Type:** 

Impervious, full protective.

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

**Ventilation requirements:** Local exhaust and/or general ventilation.

**Exposure limit of material:** See hazardous ingredients section.

**Ingredients:**

C.A.S.	Ingredient Name	T.L.V.	OSHA-PEL TWA	STEL	ACGIH-TLV TWA	STEL	NIOSH STEL
1305-78-8	CALCIUM OXIDE	2 MG/M3	5 MG/M3 8/H		2 MG/M3		
1317-65-3	CALCIUM CARBONATE	NOT AVAILABLE	15 MG/M3	NOT AVAILABLE	10 MG/M3 (E)	NOT AVAILABLE	NOT AVAILABLE
14808-60-7	SILICA, QUARTZ	0.025 MG/M3 RESP	15 MG/M3/8H TOTAL DUST	NOT AVAILABLE	0.1 MG/M3/8H	NOT AVAILABLE	NOT AVAILABLE
65997-15-1	PORTLAND CEMENT	10 MG/M3	15 MG/M3/8H, TOTAL DUST		10 MG/M3		

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state:** Solid

**Appearance & odor:** Odourless.  
Powder.  
White or gray.

**Odor threshold (ppm):** Not available.

**pH:** 12-13

**Melting point (°C):** Not available.

**Boiling point (°C):** Not available.

**Freezing point (°C):** Not available.

**Flash point (°C), method:** Not applicable.

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

**Explosive power:** Not applicable.

**Lower explosive limit:** Not available.

**Upper explosive limit:** Not available.  
**Vapour pressure (mmHg):** Not available.  
**Specific gravity @ 20 °C:** Not available.  
**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:** Product is stable.  
**Conditions of instability:** Will react with water.  
**Hazardous polymerization:** Will not occur.  
**Incompatible substances:** Acids  
Aluminum (Al).  
Ammonium salts.  
**Hazardous products of decomposition:** Adding water will produce (caustic) calcium hydroxide.

#### Section 11: TOXICOLOGICAL INFORMATION

##### Effects of Acute Exposure

**Route of entry:** Skin contact, eye contact, inhalation and ingestion.  
**Eye contact:** Dust may irritate the eyes.  
May cause inflammation.  
Wet product may cause chemical burns and blindness.  
**Skin contact:** Liquid will cause severe burns.  
May cause dryness.  
May cause irritation.  
Effects may be delayed.  
Moisture on skin will accelerate tissue damage.  
May cause allergic reaction.  
Corrosive when moist.  
**Inhalation:** Excess inhalation may cause coughing and breathing difficulties.  
Silica may cause lung diseases.  
Irritating to the mucous membranes and respiratory system.  
**Ingestion:** May be harmful if swallowed.

**Effects of chronic exposure:** May aggravate pre-existing skin and lung disorders.  
Prolonged and repeated exposure to crystalline silica dust may cause silicosis (lung damage).

**Sensitization to product:** Not available.

**Carcinogenic effects:** Quartz (crystalline silica) is carcinogenic.

**Reproductive effects:** Not available.

**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

**LD50 of product, species & route:** Not available.

**LC50 of product, species & route:** Not available.

**Ingredients:**

C.A.S.	Ingredient Name	LD/50	LC/50
1305-78-8	CALCIUM OXIDE	NOT AVAILABLE	NOT AVAILABLE
1317-65-3	CALCIUM CARBONATE	NOT AVAILABLE	NOT AVAILABLE
14808-60-7	SILICA, QUARTZ	NOT AVAILABLE	NOT AVAILABLE
65997-15-1	PORTLAND CEMENT	NOT AVAILABLE	NOT AVAILABLE

**Section 12: ECOLOGICAL INFORMATION**

**Environmental fate:** No data at this time.

**Environmental toxicity:** No data at this time.

**Section 13: DISPOSAL CONSIDERATIONS**

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

**Section 14: TRANSPORT INFORMATION**

**TDG classification:** Not regulated.

**DOT:** Not available.

**ICAO/IATA:** Not available.

**IMDG:** Not available.

**Special instructions:** Not available.

**Marine Pollutant:** Not available.

**Section 15: REGULATORY INFORMATION**

**DSL status:** Appears on DSL.

**CERCLA reportable quantity:** Not available.

**TSCA inventory:** All ingredients are listed on the TSCA inventory.

**SARA Section 313:** Not available.

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

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

Fire Hazard: No.

Sudden Release of Pressure: No.

Reactive: Slight.

**Health Hazard:** 3  
**Flammability:** 0  
**Physical hazard:** 1  
**NFPA Health Hazard:** 3  
**NFPA Flammability:** 0  
**NFPA Reactivity:** 1  
**NFPA:**



#### Section 16: OTHER INFORMATION

**Data prepared by:** Conform–Action Data Systems  
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