

CCI-300 POWDER RELEASE AGENT

**Light Grey, Medium Grey, Dark Grey, Super Dark Grey,
A-05 Tumbleweed, A-06 Dark Cherry, A-09 Charcoal,
A-10 Brick Red, A-12 Brownstone, A-15 Havana, B-01 Slate,
C-05 Faded Rose, C-06 Coquina, D-01 Blue Slate,
A-01 Terracotta, A-02 Ashford, A-04 Autumn Brown,
A-05 Walnut, A-10 Red River, A-13 Sand, A-14 Beige,
C-01 Pecan Tan, C-03 Buckskin, D-02 Rink White**

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: CCI-300 POWDER RELEASE AGENT.

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): Carcinogenicity, category 1A.

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): H335 May cause respiratory irritation.
H350 May cause cancer.

Precautionary statement(s): P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash face, hands and any exposed skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
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.
P337 + P313 If eye irritation persists: Get medical advice/attention.
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#
1308-38-9	0-80	CHROMIUM OXIDE	
1309-37-1	0-100	RED IRON OXIDE	215-168-2
1317-65-3	0-80	CALCIUM CARBONATE	215-279-6
13463-67-7	0-100	TITANIUM DIOXIDE	236-675-5
14808-60-7	0.1-1.0	SILICA, QUARTZ	238-878-4
57-11-4	1-5	STEARIC ACID	

Section 4: FIRST AID MEASURES

Skin contact: Wash thoroughly with soap and water.
If irritation occurs, consult a physician.

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

Ingestion: Obtain medical attention.
Do not induce vomiting.
If vomiting occurs, keep head below hips.
Never give anything by mouth to an unconscious person.
Rinse mouth with water.

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.
Prevent entry into drains, sewers, and other waterways.
Wear appropriate protective equipment.
Avoid breathing dust.
Avoid generating airborne dust.
Wet sweeping or vacuuming using HEPA or similarly approved filtration are recommended methods.
Place in a closed container for disposal.

Section 7: HANDLING AND STORAGE

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

Storage procedures: Keep away from heat, sparks, and open flames.
Store in a cool and dry place.
Store away from all sources of heat.
Store away from food, drink and animal feed.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves/Type:



Wear appropriate gloves.

Respiratory/Type:



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

Eye/Type:



Safety glasses recommended.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: Wear adequate protective clothes.

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.
To maintain exposure below TLV.

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
1308-38-9	CHROMIUM OXIDE	0.5 MG(CR)/M3	0.5 MG/M3 CR		0.5 MG/M3 CR		
1309-37-1	RED IRON OXIDE	5 MG/M3	15 MG/M3/8H TOTAL DUST	NOT AVAILABLE	5 MG/M3 RESP FRACTION	NOT AVAILABLE	NOT AVAILABLE
1317-65-3	CALCIUM CARBONATE	NOT AVAILABLE	15 MG/M3	NOT AVAILABLE	10 MG/M3 (E)	NOT AVAILABLE	NOT AVAILABLE
13463-67-7	TITANIUM DIOXIDE	10 MG/M3	15 MG/M3/8H TOTAL DUST	NOT AVAILABLE	10 MG/M3	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
57-11-4	STEARIC ACID	NOT AVAILABLE					

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid

Appearance & odor: Powder.
Various colors.

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: 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: Not available.
Hazardous polymerization: Not available.
Incompatible substances: Not available.
Hazardous products of decomposition: Not available.

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.

Skin contact: Dust may cause irritation.

Inhalation: May cause coughing.
 May cause sneezing.
 May cause respiratory irritation.

Ingestion: May cause nausea.
 May cause gastro-intestinal irritation.

Effects of chronic exposure: May cause deposits of iron in the lung (siderosis).
 Prolonged and repeated exposure to crystalline silica dust may cause silicosis (lung damage).
 Effects may be delayed.

Sensitization to product: Not available.

Carcinogenic effects: Titanium Dioxide is listed as possibly carcinogenic to humans by IARC (Group 2B).

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
1308-38-9	CHROMIUM OXIDE	NOT AVAILABLE	NOT AVAILABLE
1309-37-1	RED IRON OXIDE	NOT AVAILABLE	NOT AVAILABLE
1317-65-3	CALCIUM CARBONATE	NOT AVAILABLE	NOT AVAILABLE
13463-67-7	TITANIUM DIOXIDE	NOT AVAILABLE	NOT AVAILABLE
14808-60-7	SILICA, QUARTZ	NOT AVAILABLE	NOT AVAILABLE
57-11-4	STEARIC ACID	4600 MG/KG RAT ORAL >5000 MG/KG RABBIT DERMAL	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: No.

311/312: Delayed (Chronic) Health Hazard: No.

Fire Hazard: No.

Sudden Release of Pressure: No.

Reactive: No.

Health Hazard: 2

Flammability: 0

Physical hazard: 0

NFPA Health Hazard: 2

NFPA Flammability: 0

NFPA Reactivity: 0

NFPA:



Section 16: OTHER INFORMATION

Data prepared by: Conform–Action Data Systems
A division of 2843471 Canada Inc.
1840 Transcanada, suite 101
Dorval, QC H9P 1H7
Tel: (514) 683–2060
Fax: (514) 683–1445
24 hr. 1–866–628–7522 support@netmsds.com.

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