

RELEASE AGENTS

Product: 002

Revision Date: 2008/05/20

Section 1: PRODUCT INFORMATION

Chemical family: Mixture.

Manufacturer: Concreation Canada Inc.
582 Rivermede Road, Unit 8
Vaughan, ON L4K 2H5.

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

Information phone number: 905-482-3837

Supplier: Same as manufacturer.

TDG classification: Not regulated.

WHMIS classification:

Not controlled.



DSL status: Appears on DSL.

Supplier MSDS date: 2008/04/25

Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
1309-38-2	7.7	IRON OXIDE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
471-34-1	83.0-92.3	CALCIUM CARBONATE	5 MG/M3	6450 MG/KG RAT ORAL	NOT AVAILABLE
57-11-4	0.9-9.23	STEARIC ACID	NOT AVAILABLE	>5000 MG/KG RABBIT DERMAL	NOT AVAILABLE

Section 3: PHYSICAL DATA

Physical state: Solid

Appearance & odor: White
Odourless.
Powder.

Odor threshold (ppm): Not applicable.

Vapour pressure (mmHg): Not applicable.

Vapour density (air=1): Not applicable.

Volatiles (%)

By volume: Not applicable.

Evaporation rate (butyl acetate = 1): Not applicable.
Boiling point (°C): Not available.
Freezing point (°C): Not applicable.
pH: Not available.
Specific gravity @ 20 °C: Not available.
Solubility in water (%): Insoluble.
Coefficient of water/oil dist.: Not available.
VOC: Not available.

Section 4: FIRE & EXPLOSION DATA

Flammability: Not flammable.
Conditions of flammability: Contact with fluorine can cause ignition.
Extinguishing media: Suitable for surrounding fire.
Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.
Auto-ignition temperature (°C): Not available.
Flash point (°C), method: Not applicable.
Lower flammability limit (% vol): Not applicable.
Upper flammability limit (% vol): Not applicable.
Explosion Data
Sensitivity to static discharge: Not expected.
Sensitivity to mechanical impact: Not available.
Hazardous combustion products: Calcium oxide.
Explosive power: Not explosive.

Section 5: REACTIVITY DATA

Chemical stability: Product is stable.
Conditions of instability: Avoid moist air or water.
High concentration of dust.
Hazardous polymerization: Will not occur.
Incompatible substances: Aluminum (Al).
Fluorine gas.
Ammonium salts.
Mercury – hydrogen mixtures.
Hazardous decomposition products: Calcium oxide.

Section 6: TOXICOLOGICAL PROPERTIES

Route of entry: Skin contact, eye contact, inhalation and ingestion.

Effects of acute exposure

Eye contact: Abrasive.
May cause dryness.

Skin contact: May cause drying.
May cause mechanical abrasion.

Inhalation: May cause coughing.
May cause sneezing.
Dust inhalation may irritate respiratory tract.

Ingestion: May cause mild gastrointestinal irritation.

Effects of chronic exposure: May cause deposits of iron in the lung (siderosis).
Pre-existing eye, skin and respiratory disorders may be aggravated.

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.

Exposure limit of material: Recommended.
10 mg/m³ total dust – 5 mg/m³ respirable dust.

Irritancy of material: Slight.

Sensitization to product: Not available.

Carcinogenic effects: Not listed as a carcinogen.

Reproductive effects: None known.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: None known.

Section 7: PREVENTATIVE MEASURES

Precautionary Measures

Gloves/Type:



Neoprene rubber or leather gloves.

Respiratory/Type:



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

Eye/Type: Dust resistant safety goggles.

Footwear/Type: No special footwear required.

Clothing/Type: Long sleeve shirt, long trousers.

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.

Leak/Spill: Avoid dust accumulation.
Prevent entry into drains, sewers, and other waterways.
Wear appropriate protective equipment.
Avoid breathing dust.
Collect material by wet sweeping, dry sweeping with a sweeping compound or by vacuum cleaning with an explosion proof apparatus equipped with a high efficiency particulate air filter.
Scoop up and place in appropriate container.

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

Handling procedures and equipment: 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 requirements: Store away from incompatible materials.
Store in a cool and dry place.

TDG classification: Not regulated.

Special shipping information: Not regulated.

Section 8: FIRST AID MEASURES

Skin contact: Wash thoroughly with soap and water.
Consult a physician if irritation persists.

Eye contact: Flush with plenty of water.
If irritation occurs, consult a physician.

Inhalation: Remove victim to fresh air.
If breathing is difficult, obtain immediate medical attention.

Ingestion: Obtain immediate medical attention.

Additional information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 9: ADDITIONAL INFORMATION

General note: This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

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