

COLOUR HARDENER

Product: 006

Revision date: 2016/04/13

Section 1: PRODUCT AND COMPANY IDENTIFICATION**Product name:** COLOUR HARDENER.**Synonyms:** None**Chemical family:** Not available.**Product uses:** Not available.**Supplier:** Vieira Concrete
357 Gage Ave. N.
Hamilton, Ontario
L8L 7A8.**Information phone number:** 905-544-7088.**In case of emergency:** Canutec 613-996-6666.**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.**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.
P270 Do not eat, drink or smoke when using this product.
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 - 1	CALCIUM OXIDE	
1309-37-1	0.1 - 1	RED IRON OXIDE	215-168-2
13397-24-5	0.1 - 1	GYP SUM	
13463-67-7	0.1 - 1	TITANIUM DIOXIDE	236-675-5
14808-60-7	10 - 30	SILICA, QUARTZ	238-878-4
20344-49-4	0.1 - 1	IRON (III) OXIDE MICRONIZED	
21645-51-2	0.1 - 1	ALUMINUM HYDROXIDE	244-492-7
65996-69-2	1 - 5	GROUND GRANULATED BLAST-FURNACE SLAG	
65997-15-1	10 - 30	PORTLAND CEMENT	
69012-64-2	0.5 - 1.5	SILICA, AMORPHOUS-FUME	273-761-1
7631-86-9	0.1 - 1	AMORPHOUS SILICA	

Section 4: FIRST AID MEASURES

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

Eye contact: Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally.
If irritation persists after flushing, get medical attention.

Inhalation: Remove victim to fresh air.
If irritation occurs, consult a physician.

Ingestion: Obtain immediate medical attention.
Do not induce vomiting.
Never give anything by mouth to an unconscious person.
Drink several glasses of water to dilute.

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 available.

Hazardous combustion products: Not available.

Section 6: ACCIDENTAL RELEASE MEASURES

Leak/Spill: Eliminate all sources of heat and ignition.
Prevent entry into drains, sewers, and other waterways.
Wear appropriate protective equipment.
Avoid breathing dust.
Avoid generating airborne dust.
Vacuum or wet sweep.
Place in appropriate container for disposal.
Do not flush to sewer.

Section 7: HANDLING AND STORAGE

Handling procedures: Use adequate ventilation.
Wash thoroughly after using, particularly before eating or smoking.
Wear personal protective equipment appropriate to task.
Avoid breathing dust.
Avoid static discharge.
Avoid contact with skin, eyes and clothing.
Do not eat, drink or smoke in handling area.
Launder contaminated clothing prior to reuse.

Storage procedures: Keep away from heat, sparks, and open flames.
Keep from freezing.
Keep out of direct sunlight.
Keep containers tightly closed.
Store in a cool, dry and well ventilated area.
Protect from damage.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves/Type:



Wear appropriate gloves.

Respiratory/Type:



NIOSH approved respirator, if necessary.

Eye/Type:



Safety glasses with side-shields.

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 mechanical 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
1305-78-8	CALCIUM OXIDE	2 MG/M3	5 MG/M3 8/H		2 MG/M3		
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
13397-24-5	GYPSUM	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
20344-49-4	IRON (III) OXIDE MICRONIZED	NOT AVAILABLE					
21645-51-2	ALUMINUM HYDROXIDE	1 MG/M3	15 MG/M3	NOT AVAILABLE	10 MG/M3	NOT AVAILABLE	NOT AVAILABLE
65996-69-2	GROUND GRANULATED BLAST-FURNACE SLAG	NOT AVAILABLE					
65997-15-1	PORTLAND CEMENT	10 MG/M3	15 MG/M3/8H, TOTAL DUST		10 MG/M3		
69012-64-2	SILICA, AMORPHOUS-FUME	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
7631-86-9	AMORPHOUS SILICA	NOT AVAILABLE	80/(SIO2) MG/M3	NOT AVAILABLE	10 MG/M3	NOT AVAILABLE	NOT AVAILABLE

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid

Appearance & odor: Not available.

Odor threshold (ppm): Not available.

pH: Not available.

Boiling point (°C): Not available.

Freezing point (°C): Not available.

Flash point (°C), method: Not available.

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

Explosive power: Not available.

Lower explosive limit: Not available.

Upper explosive limit: Not available.

Vapour pressure (mmHg): Not available.

By weight: Not available.

Specific gravity @ 20 °C: Not available.

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.
VOC: Not available.

Section 10: STABILITY AND REACTIVITY

Chemical stability: Product is stable.
Conditions of instability: Dust generation.
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: Irritating and corrosive.
Dust may cause mechanical irritation.
Skin contact: May cause drying.
May cause allergic reaction.
Dust may cause mechanical irritation.
Corrosive when moist.
Inhalation: May cause respiratory irritation.
May cause lung irritation.
May cause irritation of the mucous membranes.
May cause nose and throat irritation.
Ingestion: May cause nausea and vomiting.
Ingestion of large amounts may cause stomach irritation.
Effects of chronic exposure: May cause silicosis.
May cause pneumoconiosis.
Sensitization to product: Not available.
Carcinogenic effects: Contains carcinogens.
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
1305-78-8	CALCIUM OXIDE	NOT AVAILABLE	NOT AVAILABLE
1309-37-1	RED IRON OXIDE	NOT AVAILABLE	NOT AVAILABLE
13397-24-5	GYPSUM	NOT AVAILABLE	NOT AVAILABLE
13463-67-7	TITANIUM DIOXIDE	NOT AVAILABLE	NOT AVAILABLE
14808-60-7	SILICA, QUARTZ	NOT AVAILABLE	NOT AVAILABLE
20344-49-4	IRON (III) OXIDE MICRONIZED	NOT AVAILABLE	NOT AVAILABLE
21645-51-2	ALUMINUM HYDROXIDE	NOT AVAILABLE	NOT AVAILABLE
65996-69-2	GROUND GRANULATED BLAST-FURNACE SLAG	NOT AVAILABLE	NOT AVAILABLE
65997-15-1	PORTLAND CEMENT	NOT AVAILABLE	NOT AVAILABLE
69012-64-2	SILICA, AMORPHOUS-FUME	NOT AVAILABLE	NOT AVAILABLE
7631-86-9	AMORPHOUS SILICA	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: Not available.

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: No.

CA Proposition 65: Not available.

Health Hazard: 3

Flammability: 1

Physical hazard: 0

NFPA Health Hazard: 3

NFPA Flammability: 1

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
support@netmsds.com.

Date of the supplier's latest SDS revision: 2016/04/13.

This SDS was generated by *Conform-Plus* Application Service. Visit us at www.netmsds.com.