

Lehigh

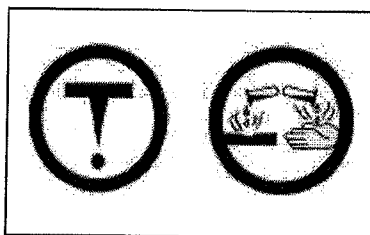
MATERIAL SAFETY DATA SHEET

Rempel Bros. Concrete Ltd.
203 - 20353 64 Ave.
Box 3160
Langley, B.C. V3A 4R5
Phone: 604-525-9344

Product Identifier:

Concrete, Ready-Mix

N/AV and NV = Not Available N/AP and NP = Not Applicable



SECTION 1: PRODUCT IDENTIFICATION AND USE			
Product Identifier: Concrete, Ready-Mix -Rempel Bros. Concrete Ltd.			
PIN/UN NO.: N/AV	MSDS Number: 070(a)	Molecular Weight: N/AV	
Chemical Name: Mixture - Cement - Aggregate			
Chemical Family: N/AP			
Chemical Formula: Mixture			
Pest Control Product(PCP #): N/AV	Stock Number: N/AV	Product Group: Concrete	
Product use: Concrete			
Synonyms:			
WHMIS Classification: D2E		Means of Classification: CLASS. BY MANUFACTURER	
Manufacturer: Rempel Bros. Concrete Ltd TELEPHONE: 604-525-9344		Comment:	
Supplier: Rempel Bros. Concrete Ltd. TELEPHONE: 604-525-9344		Comment:	

MATERIAL SAFETY DATA SHEET cont.

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SECTION 2: HAZARDOUS INGREDIENTS

Hazardous Ingredient:	% Ratio	CAS No: PIN No:	Test:	Value:
			Related Information:	
Portland Cement	7-15 W/W	N/AV N/AV	N/AV N/AV	N/AV
Crystalline Silica	Less than 1%	0.10 mg Respirable quartz/m ³ (10 mg Respirable dust/m ³)/percent silica+2) NIOSH REL (8-Hr TWA) =0.05 mg Respirable quartz dust/m ³		

SECTION 3: PHYSICAL DATA

Appearance:	Greyish, semi-plastic, solid		
Odour:	N/AV		
Physical State: SOLID	Freezing Point (C): N/AP	Boiling Point (C): N/AP	Odour Threshold: N/AP
Vapour Pressure: N/AP	Vapour Density: N/AP	Percent Volatile: N/AP	Evaporation Rate: N/AP
pH: Slurry 12-13	Specific Gravity: 3.15	Coeff Water/Oil: N/AV	Percent Soluble (@ 20C):
Others:	N/AV		

SECTION 4: FIRE AND EXPLOSION DATA:

Flammability: NO	N/AP		
Extinguishing Media:	N/AP		
Special Fire Fighting Procedures:	N/AP		
Unusual Fire and Explosion Hazards:	N/AP		
Flashpoint (C) and Method: N/AP N/AP	Upper Flammable Limit (% vol): N/AP	Lower Flammable Limit (% vol): N/AP	Auto-Ignition Temp (C): N/AP
Hazardous Combustion Products:	N/AV		
Explosion Data - Sensitivities to: Impact:	N/AV		
Static Discharge	N/AV		

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SECTION 5: REACTIVITY DATA:

Chemical Stability:

YES N/AP

Incompatibility with Other Substances

NO N/AP

Other Reactivity Concerns

NO N/AP

Hazardous Polymerization:

NO N/AP

Hazardous Decomposition Products:

N/AP

SECTION 6: TOXICOLOGICAL EFFECTS:

Routes of Entry:

Skin Contact: YES | Skin Absorption: NO | Eye Contact: YES | Inhalation: NO | Ingestion: NO

Acute Exposure:

EYES & SKIN: Burning due to cement content.

Chronic Exposure:

N/AV

Exposure Limits:

TWA: 10mg/cu. metre | **STEL:** N/AV | **C:** N/AV

Others: N/AV

OSHA PEL: N/AV | **ACGIH TLV:** N/AV

Carcinogen by NTP: N/AV | **Carcinogen by IARC:** N/AV | **OSHA Controlled:** N/AV

Irritancy: N/AV

Sensitization: N/AV

Carcinogenicity: N/AV

Portland cement is not listed as a carcinogen by NTP, OSHA, or IARC. It may, however, contain trace amounts of substances listed as carcinogens by these organizations.

Crystalline silica, a potential trace level contaminant in portland cement, is now classified by IARC as a known human carcinogen (Group 1). NTP has characterized respirable silica as "reasonably anticipated to be [a] carcinogen".

Teratogenicity:

N/AV

Reproductive Toxicity:

N/AV

Mutagenicity:

N/AV

Synergistic Products:

N/AV