

Material Safety Data Sheet

Section 1 - Material Identification and Use

Material Name/ Identifier - Concrete, Topping, and Mortar Mix

Manufacture: Westcon Precast Inc
 Address: 19 Riel Drive
 City: St Albert
 Province: Alberta
 Postal Code: T8N 1N2

Emergency Telephone No. 780.459.6695

Chemical Name	Chemical Family	Chemical Formula
Mixture	Cement Containg Product	Mixture Cement Aggregate

Packaged Container	Trade Name and Synonyms	Material Use
Bagged	N/A	

Section 2 - Hazardous Ingredients

Hazardous Ingredients	%	UN NA OR CAS	Exposure Limits TVL X P.E.I. Other
Portland Cement	10-30		10mg/m3 Nuisance dust
Pozzolan (Amorphous Silica)	1-5		6mg/m3 total dust

Section 3 - Physical Data

Physical	Odour and Apperance	Odour Threshol (PPM)
Solid	Mild, Char, Odour - Grey / White Powder	N/A
Odour Pressure (mm Hg)	Vapuur Density (air-1)	Evaporation Rate
N/A	N/A	N/A
Boiling Point		
N/A		
Melting Point (°C)	Volatile (by Volume)	Solubilty in Water (20°C)
N/A	N/A	Slight (0.1- 1%)
Specific Gravity		12- 13 Alakline
3.15 Cement		

Section 4 - Fire and Explosion Data

Flammability: No	If yes, under what conditions?	N/A
Means of extinction: Water Fog _ Foam _ Co2 _ Halon _ Dry Chemical _ Other _		N/A

Special Procedure / Unusal Fire and Explosion Hazard
Dust Cloud - keep away from ignition - when mixed with water no Hazard

Flash Point	Upper Explosion Limit (% by Volume)	Lower Explosion Limit (% by V.)
N/A	(U.E.L.) N/A	(L.E.L.) N/A
Auto Ignition	TDG Flammabilty Clasifcation	Hazardous Combustion Products
N/A	N/A	N/A
Explosion Data	Sensitivity to Impact	Rate Burning
	N/A	N/A
	Sensitivity to Static Discharge	Explosive Power
	N/A	N/A

Secetion 5 - Reactivity Data

Chemical Stability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If no under what conditions?	Keep Dry until used
Incompatibility with other substance Yes <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Water <input type="checkbox"/> Oxidizing Material <input type="checkbox"/> Acid <input type="checkbox"/> Base <input type="checkbox"/>
Hazardous Polymerization Will occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>	Conditions to avoid
Hazardous Decomposition Products	
N/A	

Section 6 - Toxicological Properties

Route of Entry Skin Contact <input checked="" type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation Acute <input checked="" type="checkbox"/> Inhalation Chronic <input type="checkbox"/> Ingestion <input type="checkbox"/>			
Effects of Acute Exposure/ Chronic Exposure Inhalation Irritant upper respiratory (cement dust)			
Ingestion			
Eyes Irritant			
Skin BURNS DUE TO CEMENT CONTACT			
LD50 of Material (specify species and route)	OR	LC50 of Material (specify species and route)	Irritancy of Material N/A
		N/A	
Sensitizing Capability of Material N/A	Carcinogenicity of Material N/A	Reproductive Effects of Material N/A	Synergistic Materials N/A

Section 7 - Preventive Measures

Personal Protective Equipment		
Gloves (specify) Impervious	Respiratory (special) Self Contained Airline Dust <input checked="" type="checkbox"/> Other	Eye (specify) Gas tight goggles
Footwear (specify) Good Boots	Clothing (specify) Cover all Exposed Skin areas possible	Other (specify) Barrier creams
Engineering Controls (eg. Ventilation, enclosed process, specify)		
Ventilation	Local	General <input checked="" type="checkbox"/> Special Procedure
Leak and spill procedure Use dry cleanup methods that do not disperse dust into the air		
Waste Disposal Dispose as common waste.		
Handling Procedures and Equipment Avoid breathing dust and prolong contact with wet cement.		
Storage Requirement N/A		
Special Shipping Requirements N/A		
Special Shipping Information Keep Dry		

Section 8 - First Aid Measures

Inhalation		
Ingestion		
Eyes	IMMEIATLY FLUSH WITH COPIUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES	
Skin	REMOVE CONTAMINATED CLOTHING - WASH SKIN THOROUGHLY WITH SOAP & WATER IMMEDIATELY	
<p>Additional Treatments: Suggest shower with soap and water after working with cement containing products (good hygiene practises)</p> <p>NOTES TO PHYSICAN: Hypersensitive individuals may develop an allergic dermatitis.</p> <p>SOURCE USED: Individual compent M.S.D.S.</p>		
NAME: Westcon Precast Inc	PHONE 780.459.6695	DATE: April 17, 2003