



MATERIAL SAFETY DATA SHEET

White Cement

SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: Federal White Cement			
PIN/ UN No: N/AV	MSDS Number: 3009	Molecular Weight: N/AV	
Chemical Name: Federal White Cement			
Chemical Family: N/AV		Chemical Formula: N/AV	
Pest Control Product (PCP #): N/AV	Stock Number: N/AV	Product Group: Cement	
Product Use: Masonry/Stucco		Synonyms:	
WHMIS Classification: D2 E		Means of Classification: CLASS. BY MANUFACTURER	
Manufacturers Name: Federal White Cement		Suppliers Name: Basalite Concrete Products, Vancouver, ULC.	
Street Address: P.O. Box 548		Street Address: 1280 West 77th Avenue	
City: Woodstock	Province: Ontario	City: Vancouver	Province: BC
Postal Code: N4S 7Y5	Emergency Telephone No. 519 – 485 – 5410	Postal Code: V6P 3G8	Emergency Telephone No. 604 – 269 – 2120

SECTION 2 HAZARDOUS INGREDIENTS

Hazardous Ingredients	% Ratio	CAS Number: PIN Number:	Test: Related Information:	Value:
Portland Cement	60 – 100 w/w	65997-15-1	10 mg total dust/m ³ 5 mg respirable dust/m ³	5 mg total dust/m ³
Calcium Sulfate	5 – 10 w/w	77778-18-9	10 mg total dust/m ³ 5 mg respirable dust/m ³	5 mg total dust/m ³
Iron Oxide	10 – 30 w/w	1309-37-1	10 mg total dust/m ³ 5 mg respirable dust/m ³	5 mg total dust/m ³
Calcium Carbonate	1 – 5 w/w	1317-65-3	10 mg total dust/m ³ 5 mg respirable dust/m ³	5 mg total dust/m ³
Magnesium Oxide	1 – 5 w/w	1309-48-4	10 mg total dust/m ³ 5 mg respirable dust/m ³	5 mg total dust/m ³
Calcium Oxide	1 – 5	1306-78-8	10 mg total dust/m ³	5 mg total dust/m ³



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	w/w		5 mg respirable dust/m ³	
Crystalline Silica	.1 – 1 w/w	14808-60-7	(10 mg respirable dust/m ³) (percent silica +2) NIOSH REL (8-hour TWA)=0.05 mg respirable quartz dust/m ³	0.10 mg respirable quartz/m ³

SECTION 3 PHYSICAL DATA

Odour & Appearance: White powder.				
Physical State: SOLID (powder)			Odour Threshold: No distinct odour,	
Freezing Point (°C): N/AP			Boiling Point (°C): N/AP	
Vapour pressure (mm Hg): N/AP	Vapour Density (Air=1): N/AP	Percent Volatile: N/AP		Evaporation Rate: N/AP
pH: Cement 12-13	Specific Gravity: Cement 3.15	Coeff. Water/ Oil Distribution: N/AP	Percent Soluble: Slight	

SECTION 4 FIRE AND EXPLOSION DATA

Flammability: N/AP	If yes, under which conditions? N/AP			
Extinguishing Media: N/AP				
Special Fire Fighting Procedures: N/AP				
Unusual Fire and Explosion Hazards: N/AP			Auto-Ignition temperature (°C): N/AP	
Flashpoint (°C) and method: N/AP	Upper flammability limit (% by volume): N/AP		Lower flammability limit (% by volume): N/AP	
Hazardous Combustion Products: N/AP				
<i>Explosion data:</i> Sensitivity to impact: N/AP			Sensitivity to static discharge: N/AP	



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SECTION 5 REACTIVITY DATA

Chemical stability: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	If no, under which conditions? N/AP
Incompatibility with other substances: N/AP	If so, which ones? N/AP
Reactivity, and under what conditions: Yes. When mixed with water it produces a caustic solution (pH 12 to 13)	
Hazardous polymerization: N/AP	
Hazardous decomposition products: N/AP	

SECTION 6 TOXICOLOGICAL PROPERTIES

Route of Entry: Skin Contact <input checked="" type="checkbox"/>	Skin Absorption: <input type="checkbox"/>	Eye Contact: <input checked="" type="checkbox"/>	Inhalation: <input checked="" type="checkbox"/>	Ingestion: <input checked="" type="checkbox"/>
Effects of acute exposure to product: EYES: Can irritate eyes. (Caustic burns) SKIN: Can dry skin. Wet concrete mixes may cause caustic burns. INHALATION: Irritating to nose & throat. Cement dust can cause inflammation.				
Effects of chronic exposure to product: Cement dust can cause inflammation of the cornea of the eye and the tissue lining the inside of the nose.				
Exposure Limits: TWA: 10 mg/ M³ Port. Cement Other: The TWA is for Cement Dust in the air. STEL: N/AV C: 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: EYES: Can irritate the eyes. SKIN: Can dry the skin and cause rashes. INHALATION: Can irritate the nose & throat.				



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Sensitization: Some people might develop a skin rash (Allergic Dermatitis).	
Carcinogenicity: N/AV	
Teratogenicity: N/AV	Reproductive Toxicity: N/AV
Mutagenicity: N/AV	Synergistic Products: N/AV
Medical Conditions Aggravated by Exposure: May aggravate open sores or dermatitis. Fine dust may aggravate asthma and other breathing conditions.	

SECTION 7 PREVENTATIVE MEASURES

Personal Protective Equipment:		
Gloves (specify): Rubber or PVC when the mix is wet.	Respirator (specify) NIOSH/MSHA approved Dust Mask, when the mix is dry.	Eye (specify) Tight-fitting goggles
Footwear (specify): Boots, that will not soak up the wet mix and will keep out wet or dry mix.	Clothing (specify) That will keep the powder or the wet mix off skin & clothes.	Other (specify) Barrier creams should be applied PRIOR TO contact with the product. Wash with soap and water after working with cement-containing products.
Engineering controls: VENTILATION: Local exhaust to control airborne dust levels below 10 mg/M³ TWA (cement dust)		
Leak & Spill Procedures: AVOID BREATHING DUST. Use dry cleanup methods that do not send dust into the air.		
Waste Disposal: Dispose of as common waste in accordance with applicable Federal, Provincial and local environmental regulations.		
Handling Procedures and Equipment: No special handling equipment needed other than personal protective equipment.		
Storage Requirements: Keep dry until mixed.		
Special Shipping Information: Keep dry.		



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SECTION 8 FIRST AID MEASURES

Specific Measures:

EYES: Flush with water for at least 15 minutes. Consult physician immediately.

SKIN: Wash with soap and water. If skin is burned, see doctor.

INHALATION: Move person to fresh air. Seek medical advice.

INGESTION: Drink copious amounts of water. Do not induce vomiting. Seek immediate medical attention.

SECTION 9 PREPARATION DATE OF MSDS

Prepared By: (Group, Department, Etc.)

Rocky D. Pantiluk, A.Sc.T.
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V6P 3G8

Phone Number:

604 – 269 - 2120

Date: **09 / 03 / 06**

(yr / mm / dd)

Workplace MSDS Transcribed by:

Laura Voci
Basalite Concrete Products,
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Vancouver, BC
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Phone Number:

604 – 269 – 2120

Date: **09 / 03 / 06**

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The information in the MSDS is believed to be accurate at the time of preparation, but no guarantees are given.