



MATERIAL SAFETY DATA SHEET

Product Identifier:

Segmental Retaining Wall Unit

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product identification: Segmental Retaining Wall (SRW)			
PIN/ UN No: N/AV		MSDS Number: 1063	
Molecular Weight: N/AV			
Chemical Name: Mixture			
Chemical Family: Cement Containing Product		Chemical Formula: N/AV	
Pest Control Product (PCP #): N/AV		Stock Number: N/AV	
Product Group: Geowall			
Product Use: Retaining Wall		Synonyms:	
WHMIS Classification: D2 E		Means of Classification: CLASS. BY MANUFACTURER	
NFPA Hazard Ratings: Fire: N/V Toxicity: N/V Special: N/V			
Manufacturers Name: Basalite Concrete Products Vancouver, ULC.		Suppliers Name: Basalite Concrete Products Vancouver, ULC.	
Street Address: 13066 – 88th Avenue		Street Address: 13066 – 88th Avenue	
City: Surrey	Province: BC	City: Surrey	Province: BC
Postal Code: V3W 3K3	Emergency Telephone No. 604-596-3844	Postal Code: V3W 3K3	Emergency Telephone No. 604-596-3844

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredients	% Ratio	CAS Number: PIN Number:	Test: Related Information:	Value:
PORTLAND CEMENT	10 - 30 W/W	65997 – 15 - 1	ACGIH TLV-TWA : OSHA PEL –TWA: OSHA PEL –TWA:	10 mg total dust/m3 15 mg total dust/m3 5 mg respirable dust/m3



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SECTION 3 - PHYSICAL DATA

Odour & Appearance: Grey-white powder with mild, earthy odour.			
Physical State: SOLID		Odour Threshold: N/AP	
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: 12 - 13 (Cement)	Specific Gravity: Cement 3.15	Coeff. Water/ Oil Distribution: N/AP	Percent Soluble (@ 20°C): <1%

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 N/AP	Upper flammability limit (% by volume) : N/AP	Lower flammability limit (% by volume) : N/AP
Hazardous Combustion Products: N/AP		
Explosion data: Sensitivity to impact: N/AP		Sensitivity to static discharge: N/AP

SECTION 5 - REACTIVITY DATA

Chemical stability: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Comment:
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	



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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: <input checked="" type="checkbox"/>	Ingestion: <input checked="" type="checkbox"/>
<p>Effects of acute exposure to product:</p> <p>INHALATION: Irritating to upper respiratory system. Cement dust can inflame nasal tissue.</p> <p>EYE CONTACT: Can irritate eyes. Cement dust may cause inflammation to cornea.</p> <p>SKIN CONTACT: Can dry skin. Wet mix may cause alkali burns.</p>				
<p>Effects of chronic exposure to product:</p> <p>Cement dust may cause inflammation of the Cornea of the eye, and the tissue lining on the inside of the nose.</p>				
<p>Exposure Limits:</p> <p>TWA: 10 mg/M3 cement dust</p> <p>Other: The TWA is for cement dust in the air</p> <p>STEL: N/AV</p> <p>OSHA PEL: 15 mg total dust/m3 5 mg respirable dust/m3</p> <p>ACGIH TLV: N/AV</p>				
Carcinogen by NTP: N/AV		Carcinogen by IARC N/AV		OSHA Controlled: N/AV
<p>Irritancy:</p> <p>EYES: Can irritate eyes.</p> <p>SKIN: Can dry skin and cause rashes.</p> <p>BREATHED IN: Can irritate nose & throat.</p>				
Sensitization: Some people might develop skin rash. (Allergic Dermatitis)				
Carcinogenicity: N/AP				
Teratogenicity: N/AV			Reproductive Toxicity: N/AV	
Mutagenicity: N/AV			Synergistic Products: N/AV	
<p>Medical Conditions Aggravated by Exposure:</p> <p>May aggravate open sores or dermatitis.</p> <p>Fine dust may aggravate asthma and other breathing conditions.</p>				



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SECTION 7 - PREVENTATIVE MEASURES

Personal Protective Equipment:		
Gloves (specify): Impervious.	Respirator (specify) Dust masks approved by NIOSH/MSHA	Eye (specify) Tight fitting goggles.
Footwear (specify): Impervious to moisture.	Clothing (specify) Cover all exposed skin.	Other (specify) Barrier creams should be applied PRIOR TO contact with product.
Personal Protective Equipment: Suggest shower with soap and water after working with cement - containing products -- practice good personal hygiene habits.		
Engineering controls: VENTILATION: Local exhaust to control airborne dust levels below 10mg/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: Avoid prolonged contact with wet cement. Avoid breathing dust. Wear appropriate personal protective equipment.		
Storage Requirements: Do not freeze.		
Special Shipping Information: Keep dry.		

SECTION 8 - FIRST AID MEASURES

Specific Measures:
INHALATION: Move person to fresh air. If person has difficulty breathing, seek medical advice.
EYE CONTACT: Irrigate with water for at least 15 minutes, until no trace of product remains. If irritation develops or persists, consult physician.
SKIN CONTACT: Wash with soap and water.
INGESTION: Drink large amounts of water. Do not induce vomiting, seek immediate medical attention.



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SECTION 9 - PREPARATION DATE OF MSDS

Prepared By: (Group, Department, Etc.) Quality Control Department Basalite Concrete Products Vancouver, ULC. 8650 130th Street Surrey, BC V3W 1G1	Phone Number: 604 – 596 – 3844	Date: 12 / 03 / 12 (yy/ mm/ dd)
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Workplace MSDS Transcribed by: Laura Voci Basalite Concrete Products Vancouver, ULC. 1280 W.77th Avenue Vancouver, BC V6P 3G8	Phone Number: 604 – 269 – 2120	Date: 12 / 03 / 12 (yy/ mm/ dd)
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The information in the MSDS is believed to be accurate at the time of preparation, but no guarantees are given.