



MATERIAL SAFETY DATA SHEET

Shotcrete Accelerator

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product identification: Shotcrete Accelerator			
PIN/ UN No: N/AV	MSDS Number: N/AV	Molecular Weight: N/AV	
Chemical Name: Mixture			
Chemical Family: Blend		Chemical Formula: N/AV	
Pest Control Product (PCP #): N/AV	Stock Number: N/AV	Product Group: Shotcrete	
Product Use: Portland cement accelerator	Synonyms: N/AP	NFPA Hazard Ratings: Fire: N/AV	Toxicity: N/AV
		Reactivity: N/AV	
WHMIS Classification: D2B		Means of Classification: CLASS. BY MANUFACTURER	
Manufacturers Name: Target Products		Suppliers Name: Basalite Concrete Products Vancouver, ULC	
Street Address: 7550 Conrad Street		Street Address: 1280 W.77th Avenue	
City: Burnaby	Province: BC	City: Vancouver	Province: BC
Postal Code: V5A 2H7	Emergency Telephone No. 604-420-3620	Postal Code: V6P 3G8	Emergency Telephone No. 604-269 - 2120
Comment: Ask for Rocky Pantiluk or the Director Loss Control.			

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredients	%	CAS Number PIN Number	Test: ACGIH TLV-TWA Related Information:	Value: OSHA PEL-TWA
All concentrations below the disclosure requirements of the Harzardous Product Act	Not Applicable	Not Applicable	N/A	N/A

SECTION 3 - PHYSICAL DATA

Odour & Appearance: Off white powder			
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: 10 - 12	Specific Gravity: 2.7to2.8	Coeff. Water/ Oil Distribution: N/AP	Percent Soluble (@ 20°C): Slight
Others: Once mixed, the material should be considered corrosive.			



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SECTION 4 - FIRE AND EXPLOSION DATA

Flammability: NO	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		
Explosion data: Sensitivity to impact: NO		Sensitivity to static discharge: NO

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: Yes.	If so, which ones? Strong mineral acids and water.
Reactivity, and under what conditions: When mixed with water, it forms polymerized silicates.	
Hazardous decomposition products: Not known	

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: Mild alkaline irritant! Inhalation of dusts can cause moderate irritation of the mucous membranes and upper respiratory tract. Symptoms may include slight burning sensation and/or coughing.</p> <p>Skin Contact: Mild alkaline irritant! Contact may cause temporary, mild irritation of the skin causing redness and itching. Irritation may be worse if skin is moist.</p> <p>Skin Absorption: There is no evidence of any component of these products entering the body by this method.</p> <p>Eye Contact: Moderate eye irritant, causing burning sensation upon contact with eyes. Irritation is normally reversible within 48 hours.</p> <p>Ingestion: Oral toxicity is low, but ingestions may cause irritation of the gastrointestinal tract. Ingestion of large quantities may cause nausea and vomiting. May cause slight burning sensation to the lips, tongue, oral mucosa, upper airway and esophagus.</p>				
Chronic Exposure: Cement dust can cause inflammation of the cornea of the eye and the inside of the nose.				
Exposure Limits:				



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TWA: 10mg/M3 cement dust		
Others: 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. BREATHED IN: Can irritate the nose & throat.		
Skin and Respiratory Sensitization: None reported		
Carcinogenicity: No		
Teratogenicity: No	Reproductive Toxicity: No	
Mutagenicity: No	Synergistic Products: None reported	
Medical Conditions Aggravated by Exposure: See Section 6 Inhalation, Skin Contact, Skin Absorption, Eye Contact, Ingestion		

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) Goggles, tight fitting.
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 BEFORE working 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 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: Follow federal, provincial, state and local government requirements.		
Handling Procedures and Equipment: Handle like alkalies.		
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 lots of water for at least 15 minutes. See a Doctor right away.

SKIN: Wash with soap & water. If the skin is burned, see a Doctor.

BREATHED IN: Get to where the air is fresh. Take to a Doctor.

SWALLOWED: Drink lots of water. Do not induce vomiting. See a Doctor right away.

SECTION 9 - PREPARATION DATE OF MSDS

Prepared By: (Group, Department, Etc.) Rocky D. Pantiluk, A.Sc.T. Basalite Concrete Products Vancouver, ULC 1280 W.77th Avenue, Vancouver, BC, V6P 3G8	Phone Number: 604 - 269 - 2120	Date: 09 / 03 / 06 (year/ month/day)
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: 09 / 03 / 06 (year/ month/day)
The information in the MSDS is believed to be accurate at the time of preparation, but no guarantees are given.		