



# MATERIAL SAFETY DATA SHEET

Product Identifier:

## Sakrete Fast Set

### SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product identification: <b>Sakrete Fast Set</b>			
PIN/ UN No: <b>N/AV</b>		MSDS Number: <b>2011</b>	
Molecular Weight: <b>N/AV</b>			
Chemical Name: <b>Mixture</b>			
Chemical Family: <b>Cement containing product</b>		Chemical Formula: <b>N/AV</b>	
Pest Control Product (PCP #): <b>N/AV</b>		Stock Number: <b>N/AV</b>	
Product Group: <b>Sakrete</b>			
Product Use: <b>Premixed concrete product (Dry)</b>		Synonyms: <b>N/AP</b>	
NFPA Hazard Ratings: Fire: <b>N/AV</b> Toxicity: <b>N/AV</b> Reactivity: <b>N/AV</b>			
WHMIS Classification: <b>D2 E</b>		Means of Classification: <b>CLASS. BY MANUFACTURER</b>	
Manufacturers Name: <b>Basalite Concrete Products, Vancouver, ULC.</b>		Suppliers Name: <b>Basalite Concrete Products, Vancouver, ULC.</b>	
Street Address: <b>1280 W.77th Avenue</b>		Street Address: <b>1280 W.77th Avenue</b>	
City: <b>Vancouver</b>	Province: <b>BC</b>	City: <b>Vancouver</b>	Province: <b>BC</b>
Postal Code: <b>V6P 3G8</b>	Emergency Telephone No. <b>604-269 – 2120</b>	Postal Code: <b>V6P 3G8</b>	Emergency Telephone No. <b>604-269 – 2120</b>
Comment: <b>Ask for Rocky Pantiluck or the Director Loss Control.</b>			

### SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredients	%	CAS Number PIN Number	Test: Related Information:	Value:
<b>Calcium Silicates</b>	<b>7 - 13</b>	<b>N/AV</b>	<b>N/AP</b>	<b>N/AV</b>
	<b>W/W</b>	<b>N/AV</b>	<b>N/AV</b>	
<b>Magnesium Oxide</b>	<b>0.1 - 1.0</b>	<b>1309 - 48 - 4</b>	<b>N/AP</b>	<b>N/AV</b>
	<b>W/W</b>	<b>N/AV</b>	<b>N/AV</b>	
<b>Calcium Oxide</b>	<b>0.1 - 1.0</b>	<b>1305 - 78 - 8</b>	<b>N/AV</b>	<b>N/AV</b>
	<b>W/W</b>	<b>N/AV</b>	<b>N/AV</b>	
<b>Sodium Aluminate</b>	<b>0.1 - 1.0</b>	<b>N/AV</b>	<b>N/AV</b>	<b>N/AV</b>
	<b>W/W</b>	<b>N/AV</b>	<b>N/AV</b>	
<b>Alkaline Carbonate</b>	<b>0.1 - 1.0</b>	<b>N/AV</b>	<b>N/AV</b>	<b>N/AV</b>
	<b>W/W</b>	<b>N/AV</b>	<b>N/AV</b>	



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### SECTION 3 - PHYSICAL DATA

Odour & Appearance: <b>Grey-white powder with a mild, earthy odour</b>			
Physical State: <b>SOLID</b>		Odour Threshold: <b>N/AP</b>	
Freezing Point (°C): <b>N/AP</b>		Boiling Point (°C): <b>N/AP</b>	
Vapour pressure (mm Hg): <b>N/AP</b>	Vapour Density (Air=1): <b>N/AP</b>	Percent Volatile: <b>N/AP</b>	Evaporation Rate: <b>N/AP</b>
pH: <b>12 - 13 (Cement)</b>	Specific Gravity: <b>N/AV</b>	Coeff. Water/ Oil Distribution: <b>N/AP</b>	Percent Soluble (@ 20°C): <b>Slight</b>
Others: <b>Once mixed, the material should be considered corrosive.</b>			

### SECTION 4 - FIRE AND EXPLOSION DATA

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

### SECTION 5 - REACTIVITY DATA

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



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### 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 type="checkbox"/>
Effects of acute exposure to product: <b>EYES: Can irritate eyes. (Caustic burns)</b> <b>BREATHED IN: Can irritate nose &amp; throat. The cement dust can inflame them.</b> <b>SKIN: Can dry skin. Wet concrete mixes may cause (Caustic) burns.</b>				
Chronic Exposure: <b>Cement dust can cause inflammation of the cornea of the eye and the inside of the nose.</b>				
Exposure Limits: TWA: <b>10mg/M3 cement dust</b> Others: <b>The TWA is for Cement Dust in the air.</b> STEL: <b>N/AV</b> C: <b>N/AV</b> OSHA PEL: <b>N/AP</b> ACGIH TLV: <b>N/AP</b>				
Carcinogen by NTP: <b>N/AV</b>	Carcinogen by IARC <b>N/AV</b>	OSHA Controlled: <b>N/AV</b>		
Irritancy: <b>EYES: Can irritate the eyes. SKIN: Can dry the skin and cause rashes. BREATHED IN: Can irritate the nose &amp; throat.</b>				
Sensitization: <b>Some people may be extremely sensitive and may get a skin rash. (Allergic Dermatitis)</b>				
Carcinogenicity: <b>N/AP</b>				
Teratogenicity: <b>N/AV</b>		Reproductive Toxicity: <b>N/AV</b>		
Mutagenicity: <b>N/AV</b>		Synergistic Products: <b>N/AV</b>		
Medical Conditions Aggravated by Exposure: <b>May aggravate open sores or dermatitis. Fine dust may aggravate asthma and other breathing conditions.</b>				

### SECTION 7 - PREVENTATIVE MEASURES

Personal Protective Equipment:		
Gloves (specify): <b>Rubber or PVC when the mix is wet.</b>	Respirator (specify) <b>NIOSH / MSHA approved Dust Mask, when the mix is dry.</b>	Eye (specify) <b>Goggles, tight fitting.</b>
Footwear (specify): <b>Boots, that will not soak up the wet mix and will keep</b>	Clothing (specify) <b>That will keep the powder or the wet mix off skin &amp;</b>	Other (specify) <b>Barrier creams should be applied BEFORE working with the product. Wash with soap and</b>



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out wet or dry mix.	clothes.	water after working with cement - containing products.
Engineering controls: <b>VENTILATION: Local exhaust to control airborne dust levels below 10mg/M3 TWA (cement dust).</b>		
Leak & Spill Procedures: <b>AVOID BREATHING DUST: Use dry cleanup methods that do not send dust into the air.</b>		
Waste Disposal: <b>N/AV</b>		
Handling Procedures and Equipment: <b>Handle like alkalis.</b>		
Storage Requirements: <b>Keep dry until mixed.</b>		
Special Shipping Information: <b>Keep dry.</b>		

### 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.) <b>Rocky D. Pantiluk, A.Sc.T.</b> <b>Basalite Concrete Products,</b> <b>Vancouver, ULC.</b> <b>1280 W.77th Avenue, Vancouver, BC,</b> <b>V6P 3G8</b>	Phone Number: <b>604 – 269 – 2120</b>	Date: <b>09 / 03 / 05</b> (yy/ mm/ dd)
Workplace MSDS Transcribed by: <b>Laura Voci</b> <b>Basalite Concrete Products,</b> <b>Vancouver, ULC.</b> <b>1280 W.77th Avenue, Vancouver, BC</b> <b>V6P 3G8</b>	Phone Number: <b>604 – 269 – 2120</b>	Date: <b>09 / 03 / 05</b> (yy/ mm/ dd)

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