



# MATERIAL SAFETY DATA SHEET

Product Identifier:

**Concrete Mix**

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product identification: <b>Concrete Mix</b>			
PIN/ UN No: <b>N/AV</b>	MSDS Number: <b>103</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>

## SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredients	%	CAS Number PIN Number	Test: Related Information:	Value:
<b>Calcium Silicates</b> RTECS Number: <b>N/AV</b>	<b>10 - 30</b> <b>W/W</b>	<b>N/AV</b> <b>N/AV</b>	<b>N/AP</b> <b>N/AV</b>	<b>N/AV</b>
<b>Calcium Oxide</b> RTECS Number: <b>N/AV</b>	<b>0.1 - 1.0</b> <b>W/W</b>	<b>1305 - 78 - 8</b> <b>N/AV</b>	<b>N/AP</b> <b>N/AV</b>	<b>N/AV</b>
<b>Magnesium Oxide</b> RTECS Number: <b>N/AV</b>	<b>0.1 - 1.0</b> <b>W/W</b>	<b>1309 - 48 - 8</b> <b>N/AV</b>	<b>N/AP</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                    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"/>	Comment: <b>Keep dry until used.</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 polymerization: <b>N/AP</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"/>
<p>Effects of acute exposure to product:</p> <p><b>INHALATION:</b> Irritating to upper respiratory system. Cement dust can inflame nasal tissue.</p> <p><b>EYE CONTACT:</b> Can irritate eyes. Cement dust may cause inflammation to cornea.</p> <p><b>SKIN CONTACT:</b> Can dry skin. Wet mix may cause alkali burns.</p>				
<p>Chronic Exposure: <b>Cement dust can cause inflammation of the cornea of the eye, and the tissue lining inside of the nose.</b></p>				
<p>Exposure Limits:</p> <p>TWA: <b>10mg/M3 Port. Cement</b></p> <p>STEL: <b>N/AV</b></p> <p>C: <b>N/AV</b></p> <p>OSHA PEL: <b>N/AP</b></p> <p>ACGIH TLV: <b>N/AP</b></p>				
Carcinogen by NTP: <b>N/AV</b>		Carcinogen by IARC <b>N/AV</b>		OSHA Controlled: <b>N/AV</b>
<p>Irritancy:</p> <p><b>EYES:</b> Can irritate the eyes.</p> <p><b>SKIN:</b> Can dry the skin and cause rashes.</p> <p><b>BREATHED IN:</b> Can irritate the nose &amp; throat.</p>				
<p>Sensitization: <b>Some people might develop skin rash. (Allergic Dermatitis)</b></p>				
<p>Carcinogenicity: <b>N/AP</b></p>				
Teratogenicity: <b>N/AV</b>			Reproductive Toxicity: <b>N/AV</b>	
Mutagenicity: <b>N/AV</b>			Synergistic Products: <b>N/AV</b>	
<p>Medical Conditions Aggravated by Exposure:</p> <p><b>May aggravate open sores or dermatitis.</b></p> <p><b>Fine dust may aggravate asthma and other breathing conditions.</b></p>				



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## SECTION 7 - PREVENTATIVE MEASURES

Personal Protective Equipment:		
Gloves (specify): <b>Impervious</b>	Respirator (specify) <b>Dust masks approved by NIOSH/MSHA</b>	Eye (specify) <b>Tight fitting goggles.</b>
Footwear (specify): <b>Impervious to moisture.</b>	Clothing (specify) <b>Cover all exposed skin.</b>	Other (specify) <b>Barrier creams should be applied PRIOR TO contact with product.</b>
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>Dispose of as common waste in accordance with applicable Federal, Provincial, and local environmental regulations.</b>		
Handling Procedures and Equipment: <b>Avoid prolonged contact with wet cement. Avoid breathing dust. Wear appropriate personal protective equipment.</b>		
Storage Requirements: <b>Do not freeze.</b>		
Special Shipping Information: <b>Keep dry.</b>		

## SECTION 8 - FIRST AID MEASURES

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



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## SECTION 9 - PREPARATION DATE OF MSDS

Prepared By: (Group, Department, Etc.) Quality Control Department Basalite Concrete Products, Vancouver, ULC. 8650 130 <sup>th</sup> Street Surrey, BC V3W 1G1	Phone Number: 604 – 596 – 3844	Date: 12 / 02 / 02 (yy/ mm/ dd)
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 / 02 / 02 (yy/ mm/ dd)

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