



MATERIAL SAFETY DATA SHEET

Product Identifier:

Type 'S' Cement

SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: Type 'S' Cement			
PIN/ UN No: N/AV	MSDS Number: 3009	Molecular Weight: N/AV	
Chemical Name: Type 'S' Masonry 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: Basalite Concrete Products Vancouver, ULC.		Suppliers Name: Basalite Concrete Products Vancouver, ULC.	
Street Address: 1280 West 77th Avenue		Street Address: 1280 West 77th Avenue	
City: Vancouver	Province: BC	City: Vancouver	Province: BC
Postal Code: V6P 3G8	Emergency Telephone No. 604 - 269 - 2120	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:
Calcium Silicates	30 - 60 W/W	Various	15 mg total dust/m³ 5 mg respirable dust/m³	10 mg total dust/m³
Calcium Oxide	0.5 - 1.5 W/W	1305-78-8 N/AV	5 mg total dust/m³	2 mg total dust/m³
Magnesium Oxide	0.5 - 1.5 W/W	1309-48-4 N/AV	10 mg total dust/m³	10 mg total dust/m³
Calcium Hydroxide	7 - 13 W/W	1305-62-0 N/AV	15 mg total dust/m³ 5 mg respirable dust/m³	5 mg total dust/m³
Magnesium Hydroxide	5 - 10 W/W	1309-42-8 N/AV	N/AP N/AV	N/AV
Gypsum	1 - 5 W/W	7778-18-9 N/AV	15 mg total dust/m³ 5 mg respirable dust/m³	10 mg total dust/m³
Crystalline Silica	0.1 - 1.0 W/W	14808-60-7 N/AV	(10 mg respirable dust/m³) (percent silica +2) NIOSH REL (8-hour TWA) = 0.05 mg respirable quartz dust/m³	0.10 mg respirable quartz/m³



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SECTION 3 PHYSICAL DATA

Odour & Appearance: **White to gray 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**

Explosion data:

Sensitivity to static discharge: **N/AP**

Sensitivity to impact: **N/AP**

SECTION 5 REACTIVITY DATA

Chemical stability: YES NO

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**



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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 checked="" type="checkbox"/>
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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.

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.**



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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.**

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.



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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 / 05 (yr / 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: 09 / 03 / 05 (yr / mm / dd)

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