



# MATERIAL SAFETY DATA SHEET

Product Identifier:

## Anchoring Cement

### SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: **Anchoring Cement [Dry Products]**

PIN/ UN No: **N/AV**

MSDS Number: **2002**

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: **Concrete Repair**

Product Use: **Preparation of concrete and mortar. Grout.**

Synonyms:  
**Cementitious Grout**

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 W. 77th Avenue**

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City: **Vancouver**

Province: **BC**

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Postal Code: **V6P 3G8**

Emergency Telephone No.  
**604 - 269 - 2120**

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### SECTION 2 HAZARDOUS INGREDIENTS

Hazardous Ingredients	% Ratio	CAS Number: PIN Number:	Test: Related Information:	Value:
<b>Calcium Silicates</b>	<b>10 - 30</b> <b>N/AV</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>	<b>15 - 40</b> <b>N/AV</b>	<b>1305 - 78 - 8</b> <b>N/AV</b>	<b>N/AP</b> <b>N/AV</b>	<b>N/AV</b>
<b>Sodium Sulfate</b>	<b>0.1 - 1.0</b> <b>N/AV</b>	<b>7757 - 82 - 6</b> <b>N/AV</b>	<b>N/AV</b> <b>N/AV</b>	<b>N/AV</b>
<b>Magnesium Oxide</b>	<b>0.1 - 1.0</b> <b>W/W</b>	<b>1309 - 48 - 4</b> <b>N/AV</b>	<b>N/AV</b> <b>N/AV</b>	<b>N/AV</b>
<b>Aluminium Oxide</b>	<b>10 - 30</b> <b>N/AV</b>	<b>1344 - 28 - 1</b> <b>N/AV</b>	<b>N/AV</b> <b>N/AV</b>	<b>N/AV</b>



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<b>Sulfur Trioxide</b>	7 - 13 N/AV	7446 - 11 - 9 N/AV	N/AV N/AV	N/AV
<b>Silicon Dioxide</b>	10 - 30 N/AV	N/AV N/AV	N/AV N/AV	N/AV
<b>Sodium Nephthalenesulfonate - Formaldehyde</b>	1 - 5 N/AV	9084 - 06 - 4 N/AV	N/AV N/AV	N/AV

### SECTION 3 PHYSICAL DATA

Odour & Appearance: **Odourless, grey-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/AV**

Evaporation Rate: **N/AP**

pH: **12 - 13 (Cement)**

Specific Gravity: **2 - 3**

Coeff. Water/ Oil Distribution: **N/AP**

Percent Soluble (@ 20 °C): **N/AP**

Others:

### SECTION 4 FIRE AND EXPLOSION DATA

Flammability: YES  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**

**N/AP**

Upper flammability limit (% by volume): **N/AP**

Lower flammability limit (% by volume): **N/AP**

Hazardous Combustion Products: **Burning may release carbon dioxide, carbon monoxide and sulfur oxides.**

Explosion data:

Sensitivity to impact: **N/AP**

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



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### SECTION 5 REACTIVITY DATA

Chemical stability: YES  NO

Comment:

Incompatibility with other substances: YES  NO

If so, which ones? **Reacts with water to produce a caustic solution, pH 12 to 13.**

Reactivity, and under what conditions: **YES. When mixed with water it produces a caustic solution (pH 12 to 13).**

Hazardous polymerization: **NO. Will not occur**

Hazardous decomposition products: **None.**

### SECTION 6 TOXICOLOGICAL PROPERTIES

Route of Entry:  
Skin Contact

Skin Absorption:

Eye Contact:

Inhalation:

Ingestion:

Effects of acute exposure to product:

**EYES: Can irritate eyes (alkali burns).**

**INHALATION: Can irritate upper respiratory tract (alkali burns).**

**SKIN: Can dry skin.**

**INGESTION: Can cause irritation of throat.**

Effects of chronic exposure to product:

**Cement dust can cause inflammation of tissue lining interior of nose and cornea (white) of eye.**

Exposure Limits:

TWA: **10 mg/M3 total dust**

Other: **N/AP**

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**



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Irritancy: <b>Can irritate eyes and upper respiratory tract.</b>	
Sensitization: <b>Hypersensitive people may develop allergic dermatitis.</b>	
Carcinogenicity: <b>NO. N/AP</b>	
Teratogenicity: <b>N/AP</b>	Reproductive Toxicity: <b>N/AP</b>
Mutagenicity: <b>N/AP</b>	Synergistic Products: <b>N/AP</b>

### SECTION 7 PREVENTATIVE MEASURES

Personal Protective Equipment:

Gloves (specify): **Wear gloves impervious to moisture**

Respirator (specify): **Wear respirator approved for nuisance dusts if dust levels exceeds 10 mg per cubic metre.**

Eye (specify): **Wear tight fitting goggles in dusty environments.**

Footwear (specify): **Wear footwear impervious to moisture.**

Clothing (specify): **Wear clothing impervious to moisture.**

Other (specify): **Use barrier creams on exposed skin BEFORE EXPOSURE to product. Suggest shower with so a and water after working with cement containing products. Practice good personal hygiene habits.**

Engineering controls: **Ventilation should be sufficient in volume and distribution to maintain dust exposure below 10 mg per cubic metre.**

Leak & Spill Procedures: **Remove by dry cleanup methods which minimize dispersion of dust. Avoid breathing dust.**

Waste Disposal: **Dispose of as common waste n accordance with applicable Federal, Provincial/Stare and local environmental regulations.**

Handling Procedures and Equipment:

**Minimize dust exposure. Avoid breathing dust and prolonged contact with wet product.**

Storage Requirements: **Store in dry, well ventilated area.**

Special Shipping Information: **None -- non regulated.**



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### SECTION 8 FIRST AID MEASURES

Specific Measures:

**INHALATION:** Remove to fresh air and seek medical attention if irritation develops or persists.

**INGESTION:** Drink large amounts of water. Do not induce vomiting. Seek medical attention.

**EYE CONTACT:** Flush eyes with large amounts of water for at least 15 minutes, until no trace of product is evident. Seek medical attention if irritation develops or persists.

**SKIN CONTACT:** Wash exposed areas of the body with soap and water. If skin is burned seek medical attention.

### SECTION 9 PREPARATION DATE OF MSDS

Prepared By: (Group, Department, Etc.)

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**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**  
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Phone Number:

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