



MATERIAL SAFETY DATA SHEET

Product Identifier:

Microsil Anchor Grout

SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: **Microsil Anchor Grout [Packaged Materials]**

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

MSDS Number: **108**

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: **Grout**

Product Use: **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**

Street Address: **1280 W. 77th Avenue**

City: **Vancouver**

Province: **BC**

City: **Vancouver**

Province: **BC**

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:
Calcium Silicates	40 - 70 W/W	N/AV N/AV	N/AP N/AV	N/AV
Calcium Oxide	0.5 - 1.5 W/W	1305 - 78 - 8 N/AV	N/AP N/AV	N/AV
Magnesium Oxide	0.1 - 3.0 W/W	1309 - 48 - 4 N/AV	N/AP N/AV	N/AV
Amorphous Silica	7.0 - 13 W/W	7631 - 86 - 9 N/AV	N/AP N/AV	N/AV
Sodium Naphthalenesulfonate - formaldehyde	1.0 - 5.0 W/W	9084 - 06 - 4 N/AV	N/AP N/AV	N/AV



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SECTION 3 PHYSICAL DATA

Odour & Appearance: **Grey-white powder with characteristic mild odour.**

Physical State: **SOLID**

Odour Threshold: **N/AV**

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: **12 - 13 (Cement)**

Specific Gravity: **Cement 3.15**

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

Percent Soluble (@ 20 °C): **<1%**

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: **CO₂, HO₂, SO₂**

Explosion data:

Sensitivity to impact: **N/AP**

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

SECTION 5 REACTIVITY DATA

Chemical stability: YES NO

Comment: **Keep dry until used.**

Incompatibility with other substances: YES NO

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: **YES. Avoid powerful oxidizers: Fluorine, Chlorine, Trifluorine, Trioxide.**

Hazardous decomposition products: **None.**



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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>EYES: Can irritate eyes. Cement dust can cause inflammation to cornea.</p> <p>INHALATION: Can cause irritation to upper respiratory system. Cement dust can inflame nasal tissue.</p> <p>SKIN: Can dry skin. Wet concrete mixes may cause alkali burns.</p>				
<p>Effects of chronic exposure to product:</p> <p>Cement dust can cause inflammation of the cornea of the eye and of the tissue lining the inside of the nose.</p>				
<p>Exposure Limits:</p> <p>TWA: 10 mg/M3 Port. Cement</p> <p>Other:</p> <p>STEL: N/AV</p> <p>C: N/AV</p> <p>OSHA PEL: N/AV</p> <p>ACGIH TLV: N/AV</p>				
Carcinogen by NTP: N/AV		Carcinogen by IARC: N/AV		OSHA Controlled: N/AV
<p>Irritancy:</p> <p>EYES: Can irritate eyes.</p> <p>SKIN: Can dry skin and cause rashes.</p> <p>INHALATION: Can irritate nose & throat.</p>				
<p>Sensitization: Some people may be extremely sensitive to product; contact may result in skin rash (Allergic Dermatitis).</p>				
<p>Carcinogenicity: YES. Free Crystalline SiO₂ - I.A.R.C. Div 2A</p>				
Teratogenicity: N/AV			Reproductive Toxicity: N/AV	
Mutagenicity: N/AV			Synergistic Products: N/AV	



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SECTION 7 PREVENTATIVE MEASURES

Personal Protective Equipment:

Gloves (specify): **Impervious.**

Respirator (specify): **NIOSH/MSHA approved Dust Mask.**

Eye (specify): **Tight-fitting goggles.**

Footwear (specify): **Impervious to moisture.**

Clothing (specify): **Cover all exposed skin.**

Other (specify): **Barrier creams should be put on BEFORE working with product. Suggest shower with soap and water after working with cement containing products - practice good personal hygiene habits.**

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: **Avoid prolonged contact with wet cement. Avoid breathing dust. Wear appropriate personal protective equipment.**

Storage Requirements: **Do not freeze.**

Special Shipping Information: **Keep dry.**

SECTION 8 FIRST AID MEASURES

Specific Measures:

EYES: Flush with water for at least 15 minutes until no trace of product remains. If irritation develops or persists, consult physician.

SKIN: Wash with soap & water.

INHALATION: Get to fresh air. If person has difficulty breathing seek medical advice.

INGESTION: Drink large 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.