



MATERIAL SAFETY DATA SHEET

Product Identifier:

Microsil Concentrate

SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: Microsil Concentrate Sanded or Unsanded			
PIN/ UN No: N/AV	MSDS Number: 108	Molecular Weight: N/AV	
Chemical Name: Mixture			
Chemical Family: Amorphous Silica 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: Baslaite 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	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:
Amorphous Silica	60 - 100 W/W	69012 - 64 - 2 N/AV	N/AP N/AV	N/AV
Sodium Naphthalenesulfonate - formaldehyde	1 - 5 W/W	9084 - 06 - 4 N/AV	N/AP N/AV	N/AV



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SECTION 3 PHYSICAL DATA

Odour & Appearance: **Grey powder with a 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/AV**

Vapour Density (Air=1): **N/AP**

Percent Volatile: **N/AP**

Evaporation Rate: **N/AP**

pH: **12 - 13**

Specific Gravity: **Cement 2.2**

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

Percent Soluble (@ 20 °C): **<1%**

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 static discharge: **N/AP**

Sensitivity to impact: **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, Trifluoride, 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"/>
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Effects of acute exposure to product:

INHALATION: Irritating to upper respiratory system. Cement dust can inflame nasal tissue.

EYE CONTACT: Can irritate eyes. Cement dust can cause inflammation of the cornea.

SKIN CONTACT: Can dry skin and wet mix; may cause alkali burns.

Effects of chronic exposure to product:

Cement dust may cause inflammation of the cornea of the eye and of the tissue lining the inside of the nose.

Exposure Limits:

TWA: **10 mg/M3**

Other:

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:

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: **No**

Teratogenicity: **N/AV**

Reproductive Toxicity: **N/AV**

Mutagenicity: **N/AV**

Synergistic Products: **N/AV**

Medical Conditions Aggravated by Exposure: **N/AV**



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SECTION 7 PREVENTATIVE MEASURES

Personal Protective Equipment:

Gloves (specify): **Impervious.**

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

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

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

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

Other (specify): **Barrier creams should be applied PRIOR TO contact with the 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:

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

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

SKIN CONTACT: Wash with soap and water.

INGESTION: Drink large amounts of water. Do not induce vomiting, seek 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.