



MATERIAL SAFETY DATA SHEET

Product Identifier:

Contact Grout

SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: Contact grout			
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	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	15 - 40 W/W	N/AV N/AV	N/AP N/AV	N/AV
Calcium Oxide	7 - 13 W/W	1305 - 78 - 8 N/AV	N/AP N/AV	N/AV
Magnesium Oxide	3 - 7 W/W	1309 - 48 - 4 N/AV	N/AP N/AV	N/AV
Amorphous Silica	5 - 10 W/W	61790 - 53 - 2 N/AV	N/AP N/AV	N/AV



MATERIAL SAFETY DATA SHEET

Product Identifier:

Contact Grout

Sodium Naphthalenesulfonate - formaldehyde	0.1 - 1.0 W/W	9084 - 06 - 4 N/AV	N/AP N/AV	N/AV
Silica (SiO ₂)	15 - 40 W/W	14080 - 69 - 7 N/AV	N/AV N/AV	N/AV N/AV
Alumina (Al ₂ O ₃)	10 - 30 W/W	7429 - 90 - 5 N/AV	N/AV N/AV	N/AV
Iron Oxide (Fe ₂ O ₃)	7 - 13 W/W	1309 - 37 - 1 N/AV	N/AV N/AV	N/AV
Magnesium Oxide (MgO)	1 - 5 W/W	1309 - 04 - 4 N/AV	N/AV N/AV	N/AV
Potassium Oxide (K ₂ O)	1 - 5 W/W	1310 - 58 - 3 N/AV	N/AV N/AV	N/AV

SECTION 3 PHYSICAL DATA

Odour & Appearance: **Grey- white 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: **Cement 12 - 13**

Specific Gravity: **Cement 3.15**

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:

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

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



MATERIAL SAFETY DATA SHEET

Product Identifier:

Contact Grout

N/AP	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 <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Comment: Keep dry until used.
Incompatibility with other substances: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	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.	

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"/>
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. 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:



MATERIAL SAFETY DATA SHEET

Product Identifier:

Contact Grout

TWA: **10 mg/M3 Port. Cement**

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**

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: **YES. Free Crystalline SiO₂ - I.A.R.C. Div 2A**

Teratogenicity: **N/AV**

Reproductive Toxicity: **N/AV**

Mutagenicity: **N/AV**

Synergistic Products: **N/AV**

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

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**



MATERIAL SAFETY DATA SHEET

Product Identifier:

Contact Grout

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.

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: **06 / 05 / 18**
(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: **06 / 05 / 18**
(yr / mm / dd)

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