



MATERIAL SAFETY DATA SHEET

Product Identifier:

Aqua Tite

SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: **Aqua Tite [Packaged Materials]**

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

MSDS Number: **826**

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: **Pre-Mix Mortar**

Synonyms: **Fast-Setting Mortar**

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**

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	15 - 40 W/W	N/AV N/AV	N/AP N/AV	N/AV
Calcium Oxide	0.1 - 1.0 W/W	1305 - 78 - 8 N/AV	N/AP N/AV	N/AV
Magnesium Oxide	0.5 - 1.5 W/W	1309 - 48 - 4 N/AV	N/AP N/AV	N/AV
Silicon Dioxide	0.1 - 1.0 W/W	14808-60-7 N/AV	ACGIH N/AV	TLV/TWA 0.1 mg/M3
Calcium Aluminates	10 - 30 W/W	12042 - 68 - 1 N/AV	N/AP N/AV	N/AV



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Aluminium Oxide	3 - 7 W/W	1344 - 28 - 1 N/AV	N/AP N/AV	N/AV
Sodium Carbonate	0.1 - 1.0 W/W	497 - 19 - 8 N/AV	Oral: Rats LD50 N/AV Dermal: Rabbits Moderate Irritation	4 g/Kg 500 mg/24 hrs
Calcium Hydroxide	10 - 30 W/W	1305 - 62 - 0 N/AV	ACGIH N/AV	TLV/TWA 5 mg/M3
Magnesium Hydroxide	7 - 13	1309 - 42 - 8 N/AV	N/AP N/AV	N/AV
Calcium Carbonate	0.5 - 1.5 W/W	1317 - 65 - 3 N/AV	ACGIH N/AV	TLV/TWA 10 mg/M3

SECTION 3 PHYSICAL DATA

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

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/AP**

Evaporation Rate: **N/AP**

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

Specific Gravity: **N/AP**

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

Percent Soluble (@ 20 °C): **Slight**

Others: **Once mixed, the material should be considered corrosive.**

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**



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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: N/AP		
Explosion data: Sensitivity to impact: N/AP		Sensitivity to static discharge: N/AP

SECTION 5 REACTIVITY DATA

Chemical stability: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	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	

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 type="checkbox"/>	Ingestion: <input type="checkbox"/>
Effects of acute exposure to product: EYES: Can irritate eyes (caustic burns). INHALATION: Can irritate nose & throat. Cement dust can inflame them. SKIN: Can dry skin. Wet concrete mixes may cause caustic burns.				
Effects of chronic exposure to product: Cement dust can cause inflammation of the cornea of the eye and of the inside of the nose.				



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Exposure Limits:

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

Other: **The TWA is for Cement Dust in the air.**

STEL: **N/AV**

C: **N/AV**

OSHA PEL: **N/AP**

ACGIH TLV: **N/AP**

Carcinogen by NTP: **N/AV**

Carcinogen by IARC: **N/AV**

OSHA Controlled: **N/AV**

Irritancy:

EYES: Can irritate eyes.

SKIN: Can dry skin and cause rashes.

INHALATION: Can irritate nose & throat.

Sensitization: **Some people may be extremely sensitive to product; a skin rash may develop (Allergic Dermatitis).**

Carcinogenicity: **N/AP**

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.**

SECTION 7 PREVENTATIVE MEASURES

Personal Protective Equipment:

Gloves (specify): **Rubber of PVC ; when mix is wet.**

Respirator (specify): **NIOSH/MSHA approved dust mask; when mix is dry.**

Eye (specify): **Goggles; tight fitting.**

Footwear (specify): **Boots that will not soak up wet mix and will keep wet and dry mix out.**

Clothing (specify): **That will keep powder and wet mix off skin.**

Other (specify): **Barrier creams should be put on BEFORE working with 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 clean up methods that do not send dust into the air.**



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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 lots of water for at least 15 minutes. See Doctor immediately.

SKIN: Wash with soap & water. If the skin is burned, see Doctor.

INHALATION: Get to where the air is fresh. Take to Doctor.

SWALLOWED: Drink lots of water. Do not induce vomiting. See Doctor immediately.

SECTION 9 PREPARATION DATE OF MSDS

Prepared By: (Group, Department, Etc.)

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Phone Number:

604 - 269 - 2120

Date: **09 / 03 / 05**

(yr / mm / dd)

Workplace MSDS Transcribed by:

**Laura Voci
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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.