



MATERIAL SAFETY DATA SHEET

Product Identifier:

Dam Sac

SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: **Dam Sac [Packaged Materials]**

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

MSDS Number: **3001**

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: **Dam Sac**

Product Use: **Premixed concrete product (Dry)**

Synonyms:

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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Comment: **Ask for Rocky Pantiluk or the Director Loss Control.**

SECTION 2 HAZARDOUS INGREDIENTS

Hazardous Ingredients	% Ratio	CAS Number: PIN Number:	Test: Related Information:	Value:
Calcium Silicates	10 - 30 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	0.1 - 1.0 W/W	1309 - 48 - 4 N/AV	N/AP N/AV	N/AV



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SECTION 3 PHYSICAL DATA

Odour & Appearance: **Grey-white powder with mild, earthy 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/AP**

Percent Soluble: **< 1%**

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**

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 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: **N/AP**

If so, which ones?

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**



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SECTION 6 TOXICOLOGICAL PROPERTIES

Route of Entry:
Skin Contact

Skin Absorption:

Eye Contact:

Inhalation:

Ingestion:

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 to 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 and of the tissue lining the inside of the nose.

Exposure Limits:

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 eyes.

SKIN: Can dry skin and cause rashes.

INHALATION: Can irritate nose & throat.

Sensitization: **Some people might develop a skin rash (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.**



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SECTION 7 PREVENTATIVE MEASURES

Personal Protective Equipment:

Gloves (specify): **Impervious.**

Respirator (specify): **Dust masks 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 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 10mg/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 eye(s) 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 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.