



MATERIAL SAFETY DATA SHEET

Product Identifier:

Damp Seal

SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: Damp Seal			
PIN/ UN No: N/AV	MSDS Number: 5047	Molecular Weight: N/AV	
Chemical Name: Mixture			
Chemical Family: A cement containing product		Chemical Formula: N/AV	
Pest Control Product (PCP #) : N/AV	Stock Number: N/AV	Product Group: Grout	
Product Use: To damp-proof concrete		Synonyms: Sealer	
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	40 - 70 N/AV	N/AV N/AV	N/AV N/AV	N/AV
Calcium Oxide	0.1 - 1.5 N/AV	1305-78-8 N/AV	N/AV N/AV	N/AV
Magnesium Oxide	0.1 - 3.0 N/AV	1309-48-4 N/AV	N/AV N/AV	N/AV
Sodium Salt	10 - 30 N/AV	1344-09-8 N/AV	LD 50 Oral, Rat Human-- Dermal, Human severe irritation	1280 mg/kg 250 mg/24 Hr



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SECTION 3 PHYSICAL DATA

Odour & Appearance: **Odourless, grey powder**

Physical State: **SOLID**

Odour Threshold: **N/AV**

Freezing Point (°C): **N/AV**

Boiling Point (°C): **N/AV**

Vapour pressure (mm Hg): **N/AV**

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

Percent Volatile: **N/AV**

Evaporation Rate: **N/AV**

pH: **12 - 13**

Specific Gravity: **2.0 - 3.0**

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

Percent Soluble: **N/AV**

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: **Flammable hydrogen gas may be produced upon prolonged contact with aluminium, tin, lead or zinc.**

Explosion data:

Sensitivity to impact: **N/AP**

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

SECTION 5 REACTIVITY DATA

Chemical stability: YES NO

If no, under which conditions? **N/AP**

Incompatibility with other substances: YES NO

If so, which ones? **Avoid acids, alcohols and salts. These cause gelation.**

Reactivity, and under what conditions: **NO. N/AV**

Hazardous Polymerization: **NO. Will not occur.**

Hazardous decomposition products: **None.**



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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:

EYES: Can cause corneal or conjunctival ulceration.

SKIN: Both dry and wet cement can dry the skin and cause alkali burns.

INHALATION: Can irritate the upper respiratory tract and cause chemical pneumonitis.

INGESTION: Can cause corrosion of the mucous membranes and gastrointestinal tract resulting in nausea, vomiting, headaches, weakness and abnormal kidney function.

Effects of chronic exposure to product:

Cement dust can cause inflammation of the tissue lining the interior of the nose and the cornea (white) of the eye.

Exposure Limits:

TWA: **10 mg/m³ total dust**

Other: **Toxic effects described from exposure in animals include kidney effects.**

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: **Can irritate eyes and upper respiratory tract.**

Sensitization: **Hypersensitive people may develop allergic dermatitis.**

Carcinogenicity: **NO. N/AP**

Teratogenicity: **N/AP**

Reproductive Toxicity: **N/AP**

Mutagenicity: **N/AP**

Synergistic Products: **N/AP**

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



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SECTION 7 PREVENTATIVE MEASURES

Personal Protective Equipment:

Gloves (specify): **Wear gloves impervious to moisture.**

Respirator (specify) **Wear a respirator approved for nuisance dusts if dust level exceeds 10 mg per cubic metre.**

Eye (specify) **Wear tight fitting goggles in dusty environments.**

Footwear (specify): **Wear footwear impervious to moisture.**

Clothing (specify) **Wear clothing impervious to moisture.**

Other (specify) **Use barrier creams on exposed skin BEFORE EXPOSURE to product.**

Engineering controls: **Ventilation should be sufficient in volume and distribution to maintain dust exposure below 10 mg per cubic metre.**

Leak & Spill Procedures: **Remove using dry cleanup methods which minimize the dispersion of dust. Avoid breathing the dust.**

Waste Disposal: **Dispose of as common waste.**

Handling Procedures and Equipment: **Minimize dust exposure.**

Storage Requirements: **Store in dry place.**

Special Shipping Information: **None.**

SECTION 8 FIRST AID MEASURES

Specific Measures:

SKIN: Wash exposed areas of the body with soap and water, if skin is burnt consult a doctor.

EYES: Irrigate with large amounts of water. Seek immediate medical attention.

INHALATION: Move person to fresh air and seek medical attention.

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 Pantiluk 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.