



# MATERIAL SAFETY DATA SHEET

Product Identifier:

## Traffic Patch

### SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: <b>TRAFFIC PATCH</b>			
PIN/ UN No: <b>N/AV</b>	MSDS Number: <b>825</b>	Molecular Weight: <b>N/AV</b>	
Chemical Name: <b>Mixture</b>			
Chemical Family: <b>Cement Containing Product</b>		Chemical Formula: <b>N/AV</b>	
Pest Control Product (PCP #): <b>N/AV</b>	Stock Number: <b>N/AV</b>	Product Group: <b>Concrete Repair</b>	
Product Use: <b>Repair of concrete</b>		Synonyms:	
WHMIS Classification: <b>D2 E</b>		Means of Classification: <b>CLASS. BY MANUFACTURER</b>	
NFPA Hazard Ratings: <b>Fire: NV Toxicity: NV Special:</b>			
Manufacturers Name: <b>Basalite Concrete Products Vancouver, ULC.</b>		Suppliers Name: <b>Basalite Concrete Products Vancouver, ULC.</b>	
Street Address: <b>1280 W. 77th Avenue</b>		Street Address: <b>1280 W. 77th Avenue</b>	
City: <b>Vancouver</b>	Province: <b>BC</b>	City: <b>Vancouver</b>	Province: <b>BC</b>
Postal Code: <b>V6P 3G8</b>	Emergency Telephone No. <b>604 – 269 – 2120</b>	Postal Code: <b>V6P 3G8</b>	Emergency Telephone No. <b>604 – 269 – 2120</b>

### SECTION 2 HAZARDOUS INGREDIENTS

Hazardous Ingredients	% Ratio	CAS Number: PIN Number:	Test: Related Information:	Value:
<b>Calcium Silicates</b>	<b>10 - 30 W/W</b>	<b>N/AV N/AV</b>	<b>N/AV N/AV</b>	<b>N/AV</b>
<b>Calcium Oxide</b>	<b>0.1 - 1.0 W/W</b>	<b>1305 - 78 - 8 N/AV</b>	<b>N/AV N/AV</b>	<b>N/AV</b>
<b>Magnesium Oxide</b>	<b>0.1 - 1.0 W/W</b>	<b>1309 - 48 - 4 N/AV</b>	<b>N/AV N/AV</b>	<b>N/AV</b>
<b>Amorphous Silica</b>	<b>3 - 7 W/W</b>	<b>7631 - 86 - 9 N/AV</b>	<b>N/AV N/AV</b>	<b>N/AV</b>
<b>Sodium Naphthalenesulfonate - Formaldehyde</b>	<b>0.1 - 1.0 W/W</b>	<b>9084 - 06 - 4 N/AV</b>	<b>None established N/AV</b>	<b>N/AV</b>



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### SECTION 3 PHYSICAL DATA

Odour & Appearance: **Grey - white powder with mild, earthy 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): **<1%**

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**

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:

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**



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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 type="checkbox"/>	Ingestion: <input type="checkbox"/>
<p>Effects of acute exposure to product:</p> <p><b>EYES: Can irritate eyes. (Caustic burns)</b></p> <p><b>INHALATION: Can irritate nose &amp; throat causing them to become inflamed.</b></p> <p><b>SKIN: Can dry skin. Wet concrete mixes may cause caustic burns.</b></p>				
<p>Effects of chronic exposure to product:</p> <p><b>Cement dust can cause inflammation of the cornea of the eye and of the tissue lining the inside of the nose.</b></p>				
<p>Exposure Limits:</p> <p>TWA: <b>10 mg/M3 Port. Cement</b></p> <p>Other: <b>The TWA is for Cement Dust in the air.</b></p> <p>STEL: <b>N/AV</b></p> <p>C: <b>N/AV</b></p> <p>OSHA PEL: <b>N/AP</b></p> <p>ACGIH TLV: <b>N/AP</b></p>				
Carcinogen by NTP: <b>N/AV</b>	Carcinogen by IARC: <b>N/AV</b>	OSHA Controlled: <b>N/AV</b>		
<p>Irritancy:</p> <p><b>EYES: Can irritate eyes.</b></p> <p><b>SKIN: Can dry skin and cause rashes.</b></p> <p><b>INHALATION: Can irritate nose &amp; throat.</b></p>				
<p>Sensitization: <b>Some people may be extremely sensitive to product; contact may result in skin rash (Allergic Dermatitis).</b></p>				
<p>Carcinogenicity: <b>YES. Free Crystalline SiO<sub>2</sub> - I.A.R.C. Div 2A</b></p>				
Teratogenicity: <b>N/AV</b>		Reproductive Toxicity: <b>N/AV</b>		
Mutagenicity: <b>N/AV</b>		Synergistic Products: <b>N/AV</b>		
<p>Medical Conditions Aggravated by Exposure: <b>May aggravate open sores or dermatitis. Fine Dust may aggravate asthma and other breathing conditions.</b></p>				



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### SECTION 7 PREVENTATIVE MEASURES

Personal Protective Equipment:

Gloves (specify): **Rubber or PVC when the mix is wet**

Respirator (specify): **NIOSH/MSHA approved Dust Mask when mix is dry**

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

Footwear (specify): **Boots that will not soak up wet mix and will be impervious to both wet and dry mix**

Clothing (specify): **That will keep powder or wet mix off skin & clothes.**

Other (specify): **Barrier creams should be applied PRIOR TO contact 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 cleanup methods that do not send dust into the air.**

Waste Disposal: **N/AV**

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 water for at least 15 minutes. Consult a doctor immediately.**

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

**INHALATION: Move person to fresh air. Take to Doctor.**

**INGESTION: Drink copious 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: 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.