



MATERIAL SAFETY DATA SHEET

Product Identifier:

Traffic Patch

SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: Traffic Patch			
PIN/ UN No: N/AV		MSDS Number: 825	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: Repair of concrete		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		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	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
Amorphous Silica	3 - 7 W/W	7631 - 86 - 9 N/AV	N/AV N/AV	N/AV
Sodium Naphthalenesulfonate - Formaldehyde	0.1 - 1.0 W/W	9084 - 06 - 4 N/AV	None established 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/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/AV**

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

Skin Absorption:

Eye Contact:

Inhalation:

Ingestion:

Effects of acute exposure to product:

EYES: Can irritate eyes. (Caustic burns)

INHALATION: Can irritate nose & throat causing them to become inflamed.

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 tissue lining the inside of the nose.

Exposure Limits:

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

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

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 may be extremely sensitive to product; contact may result in 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: **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): **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--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: **N/AV**

Handling Procedures and Equipment: **No special 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

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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 / 06 (yr / mm / dd)

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