



MATERIAL SAFETY DATA SHEET

Product Identifier:

Fast Patch

SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: Fast Patch			
PIN/ UN No: N/AV	MSDS Number: 3005	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		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	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	ACGIII N/AV	TLV/TWA 0.1 mg/M3



MATERIAL SAFETY DATA SHEET

Product Identifier:

Fast Patch

CALCIUM ALUMINATES	10 - 30 W/W	12042 - 68 - 1 N/AV	N/AP N/AV	N/AV
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 W/W	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 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): **Slight**

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



MATERIAL SAFETY DATA SHEET

Product Identifier:

Fast Patch

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/AV	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 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 checked="" type="checkbox"/>	Ingestion: <input type="checkbox"/>
Effects of acute exposure to product:				
EYES: Can irritate eyes (Caustic burns).				
BREATHED IN: Can irritate nose & throat. The cement dust may inflame them.				
SKIN: Can dry skin. Wet concrete mixes may cause (caustic) burns.				



MATERIAL SAFETY DATA SHEET

Product Identifier:

Fast Patch

Effects of chronic exposure to product:

Cement dust can cause inflammation of the cornea of the eye and the inside of the nose.

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 the eyes.

SKIN: Can dry the skin and cause rashes.

BREATHED IN: Can irritate the nose & throat.

Sensitization: **Some people may be really sensitive and get 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.**

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 the mix is dry.**

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

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

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

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 cleanup methods that do not send dust into the air.**



MATERIAL SAFETY DATA SHEET

Product Identifier:

Fast Patch

Waste Disposal: **Dispose of as common waste in accordance with applicable Federal, Provincial, and local environmental regulations.**

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 a Doctor right away.

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

BREATHED IN: Get to where the air is fresh. Take to a Doctor.

SWALLOWED: Drink lots of water. Do not induce vomiting. See a Doctor right away.

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.