



MATERIAL SAFETY DATA SHEET

Product Identifier:

Concrete Mix

SECTION 1 - PRODUCT IDENTIFICATION AND USE

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| Product identification: Concrete Mix [Packaged Materials] | | | |
| PIN/ UN No: N/AV | | MSDS Number: 103 | |
| 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: Sakrete | | | |
| Product Use: Premixed concrete product (Dry) | | Synonyms: | |
| WHMIS Classification: D2 E | | Means of Classification: CLASS. BY MANUFACTURER | |
| NFPA Hazard Ratings: Fire: N/V Toxicity: N/V Special: N/V | | | |
| 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 | |
| Postal Code: V6P 3G8 | | Emergency Telephone No. 604-269-2120 | |
| 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 RTECS Number: N/AV | 10 - 30 W/W | N/AV N/AV | N/AP N/AV | N/AV |
| CALCIUM OXIDE RTECS Number: N/AV | 0.1 - 1.0 W/W | 1305 - 78 - 8 N/AV | N/AP N/AV | N/AV |
| MAGNESIUM OXIDE RTECS Number: N/AV | 0.1 - 1.0 W/W | 1309 - 48 - 8 N/AV | N/AP N/AV | N/AV |



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SECTION 3 - PHYSICAL DATA

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|---|--------------------------------------|---|---|
| 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: Cement 3.15 | Coeff. Water/ Oil Distribution: N/AP | Percent Soluble (@ 20°C): <1% |

SECTION 4 - FIRE AND EXPLOSION DATA

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| 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 impact: N/AP | | Sensitivity to static discharge: N/AP |

SECTION 5 - REACTIVITY DATA

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| Chemical stability: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | Comment: Keep dry until used. | |
| 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

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| 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"/> |
| <p>Effects of acute exposure to product:</p> <p>INHALATION: Irritating to upper respiratory system. Cement dust can inflame nasal tissue.</p> <p>EYE CONTACT: Can irritate eyes. Cement dust may cause inflammation to cornea.</p> <p>SKIN CONTACT: Can dry skin. Wet mix may cause alkali burns.</p> | | | | |
| <p>Effects of chronic exposure to product:</p> <p>Cement dust may cause inflammation of the Cornea of the eye, and the tissue lining on the inside of the nose.</p> | | | | |
| <p>Exposure Limits:</p> <p>TWA: 10mg/M3 Port. Cement</p> <p>STEL: N/AV</p> <p>C: N/AV</p> <p>OSHA PEL: N/AV</p> <p>ACGIH TLV: N/AV</p> | | | | |
| Carcinogen by NTP: N/AV | | Carcinogen by IARC N/AV | | OSHA Controlled: N/AV |
| <p>Irritancy:</p> <p>EYES: Can irritate eyes.</p> <p>SKIN: Can dry skin and cause rashes.</p> <p>BREATHED IN: Can irritate nose & throat.</p> | | | | |
| Sensitization: Some people might develop skin rash. (Allergic Dermatitis) | | | | |
| Carcinogenicity: N/AP | | | | |
| Teratogenicity: N/AV | | | Reproductive Toxicity: N/AV | |
| Mutagenicity: N/AV | | | Synergistic Products: N/AV | |
| <p>Medical Conditions Aggravated by Exposure:</p> <p>May aggravate open sores or dermatitis.</p> <p>Fine dust may aggravate asthma and other breathing conditions.</p> | | | | |



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SECTION 7 - PREVENTATIVE MEASURES

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| 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. |
| Personal Protective Equipment: 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

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| Specific Measures: |
| INHALATION: Move person to fresh air. If person has difficulty breathing, seek medical advice. |
| EYE CONTACT: Irrigate 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: 06 / 05 / 18 (yy/ 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 (yy/ mm/ dd) |
|--|--|---|

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