



# MATERIAL SAFETY DATA SHEET

Product Identifier:

**Rehab Mix**

## SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: **Rehab Mix [Packaged Materials]**

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: **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**

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City: **Vancouver**

Province: **BC**

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Postal Code: **V6P 3G8**

Emergency Telephone No.  
**604 – 269 – 2120**

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## SECTION 2 HAZARDOUS INGREDIENTS

Hazardous Ingredients	% Ratio	CAS Number: PIN Number:	Test: Related Information:	Value:
<b>Calcium Silicates</b>	<b>10 - 30</b> <b>W/W</b>	<b>N/AV</b> <b>N/AV</b>	<b>N/AP</b> <b>N/AV</b>	<b>N/AV</b>
<b>Calcium Oxide</b>	<b>0.1 - 1.0</b> <b>W/W</b>	<b>1305 - 78 - 8</b> <b>N/AV</b>	<b>N/AP</b> <b>N/AV</b>	<b>N/AV</b>
<b>Magnesium Oxide</b>	<b>0.1 - 1.0</b> <b>W/W</b>	<b>1309 - 48 - 4</b> <b>N/AV</b>	<b>N/AP</b> <b>N/AV</b>	<b>N/AV</b>
<b>Amorphous Silica</b>	<b>3 - 7</b> <b>W/W</b>	<b>7631 - 86 - 9</b> <b>N/AV</b>	<b>N/AV</b> <b>N/AV</b>	<b>N/AV</b>
<b>Sodium Naphthalenesulfonate - Formaldehyde</b>	<b>0.1 - 1.0</b> <b>W/W</b>	<b>9084 - 06 - 4</b> <b>N/AV</b>	<b>N/AP</b> <b>N/AV</b>	<b>N/AV</b>



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## SECTION 3 PHYSICAL DATA

Odour & Appearance: **Grey - white powder with characteristic mild 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/AV**

Percent Soluble (@ 20 °C): **<1%**

Others:

## SECTION 4 FIRE AND EXPLOSION DATA

Flammability: YES  NO

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: **Keep dry until used.**

Incompatibility with other substances: YES  NO

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: **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 irritate eyes. Cement dust can cause inflammation to cornea.**

**INHALATION: Irritating to upper respiratory system. Cement dust can inflame nasal tissue.**

**SKIN: Can dry skin. Wet mix may cause alkali 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:

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 SiO<sub>2</sub> - I.A.R.C. Div 2A**

Teratogenicity: **N/AV**

Reproductive Toxicity: **N/AV**

Mutagenicity: **N/AV**

Synergistic Products: **N/AV**



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### SECTION 7 PREVENTATIVE MEASURES

Personal Protective Equipment:

Gloves (specify): **Impervious.**

Respirator (specify): **NIOSH/MSHA approved Dust Mask**

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

Footwear (specify): **Impervious to moisture.**

Clothing (specify): **That cover all exposed skin**

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: **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

Specific Measures:

**EYES: Flush with water for at least 15 minutes until no trace of product remains. If irritation develops or persists, consult physician.**

**SKIN: Wash with soap & water.**

**INHALATION: Move person to fresh air. If person has difficulty breathing seek medical advice.**

**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: <b>Laura Voci</b> <b>Basalite Concrete Products Vancouver, ULC.</b> <b>1280 W.77th Avenue</b> <b>Vancouver, BC</b> <b>V6P 3G8</b>	Phone Number: <b>604 - 269 – 2120</b>	Date: <b>09 / 03 / 05</b> (yr / mm / dd)

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