



MATERIAL SAFETY DATA SHEET

Product Identifier:

Duraflow

SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: Duraflow			
PIN/ UN No: N/AV	MSDS Number: 299	Molecular Weight: N/AV	
Chemical Name: Mixture - Cement - Aggregate			
Chemical Family: N/AV		Chemical Formula: Mixture	
Pest Control Product (PCP #): N/AV	Stock Number: N/AV	Product Group: N/AV	
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		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	11 N/AV	N/AV N/AV	N/AV N/AV	N/AV
Calcium Oxide	0.2 N/AV	1305 - 78 - 8 N/AV	N/AV N/AV	N/AV
Magnesium Oxide	0.2 N/AV	1309 - 48 - 4 N/AV	N/AV N/AV	N/AV



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SECTION 3 PHYSICAL DATA

Odour & Appearance: **Greyish, semi-plastic solid.**

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/AV**

Evaporation Rate: **N/AP**

pH: **12 -13 Slurry**

Specific Gravity: **2.2 - 2.3**

Coef. Water/ Oil Distribution: **N/AV**

Percent Soluble: **N/AP**

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 -- Will not burn**

Auto-Ignition temperature (°C): **N/AP**

Flashpoint (°C) and method:

Upper flammability limit (% by volume): **N/AP**

Lower flammability limit (% by volume): **N/AP**

N/AP **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

If no, under which conditions? **N/AP**

Incompatibility with other substances: YES NO

If so, which ones? **None.**

Reactivity, and under what conditions: **N/AV**

Hazardous polymerization: **No. Will not occur.**

Hazardous decomposition products: **N/AP**



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SECTION 6 TOXICOLOGICAL PROPERTIES

Route of Entry: Skin Contact <input checked="" type="checkbox"/>	Skin Absorption: N/AV	Eye Contact: <input checked="" type="checkbox"/>	Inhalation: <input type="checkbox"/>	Ingestion: <input type="checkbox"/>
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Effects of acute exposure to product:
EYES: May cause burning to eyes.
SKIN: May cause burning.

Effects of chronic exposure to product: **N/AV**

Exposure Limits:
 TWA: **10 mg/cubic metre**
 Other: **N/AP**
 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
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Irritancy: **N/AV**

Sensitization: **N/AV**

Carcinogenicity: **N/AV**

Teratogenicity: N/AV	Reproductive Toxicity: N/AV
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Mutagenicity: N/AV	Synergistic Products: N/AV
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Medical Conditions Aggravated by Exposure: **N/AV**



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SECTION 7 PREVENTATIVE MEASURES

Personal Protective Equipment:

Gloves (specify): **Wear gloves impervious to moisture.**

Respirator (specify): **Wear dust respirator.**

Eye (specify): **Wear tight fitting safety goggles.**

Footwear (specify): **Wear footwear impervious to moisture.**

Clothing (specify): **Keep arms and legs covered.**

Other (specify):

Engineering controls: **VENTILATION: Should be sufficient in volume and distribution to maintain dust exposure below 10 mg per cubic metre.**

Leak & Spill Procedures: **Shovel material and wash area with water. Use clean up methods which minimize dispersion of dust.**

Waste Disposal: **No special problems. Use clean up methods which minimize dispersion of dust. Dispose as common waste.**

Handling Procedures and Equipment: **Minimize dust. Avoid prolonged contact with wet concrete.**

Storage Requirements: **Keep dry.**

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 and persists, consult physician.

SKIN: Wash exposed areas of the body with soap & water immediately. If skin is burned, seek medical attention.

INHALATION: Remove to fresh air. Seek medical attention.

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: 09 / 03 / 06 (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 / 06 (yr / mm / dd)

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