



MATERIAL SAFETY DATA SHEET

Product Identifier:

Tendon 80

SECTION 1 PRODUCT IDENTIFICATION AND USE

Product identification: Tendon 80			
PIN/ UN No: N/AV	MSDS Number: N/AV	Molecular Weight: N/AV	
Chemical Name: Mixture			
Chemical Family: Cement Containing Product		Chemical Formula: N/AP	
Pest Control Product (PCP #) : N/AV	Stock Number: N/AV	Product Group: Grout	
Product Use: Grout		Synonyms: Cementitious Grout	
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	30 - 60 W/W	N/AV N/AV	N/AP N/AV	N/AV
Calcium Oxide	0.5 - 1.5 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
Amorphous Silica	5 - 10 W/W	7631 - 86 - 9 N/AV	N/AP N/AV	N/AV
Polycarboxylate Polymer	0.1 - 1.0 W/W	N/AV N/AV	N/AP N/AV	N/AV
Alumina	1 - 5 W/W	7429 - 90 - 5 N/AV	N/AV N/AV	N/AV



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Cellulose Methlyate	0.1 - 1.0 W/W	9004 - 67 - 5 N/AV	N/AV N/AV	N/AV
Potassium Oxide	0.1 - 1.0 W/W	1310 - 58 - 3 N/AV	N/AV N/AV	N/AV
Silicon Dioxide	10 - 30 W/W	14808 - 60 - 7 N/AV	N/AV N/AV	N/AV
Iron Oxide	3 - 7 W/W	1309 - 37 - 1 N/AV	N/AV N/AV	N/AV

SECTION 3 PHYSICAL DATA

Odour & Appearance: **Grey powder with characteristic mild odour.**

Physical State: **POWDER**

Odour Threshold: **N/AV**

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): **N/AP**

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: **CO₂, HO₂, SO₂**

Explosion data:

Sensitivity to static discharge: **N/AP**

Sensitivity to impact: **N/AP**



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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: **YES. Avoid powerful oxidizers: Fluorine, Chlorine, Trifluorine, Trioxide.**

Hazardous decomposition products: **None.**

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: Can cause irritation to upper respiratory system. Cement dust can inflame nasal tissue.

SKIN: Can dry skin. Wet concrete mixes 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).**



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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**

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): **Cover all exposed skin.**

Other (specify): **Barrier creams should be applied PRIOR TO contact with product. 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 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:



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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.

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.