



SAFETY DATA SHEET

This Safety Data Sheet meets or exceeds the requirements of the Canadian Controlled Product Regulations (WHMIS)

1. Product and Supplier Identification

Product: **Broda Pro-Tek-Tor**
(Includes SLT, DR, End Sealer and Check Stop)

Product Use: Coating

Supplier: **Canadian Building Restoration Products, Inc.,**
102, 876 Cordova Diversion
Vancouver, BC Canada V6A 3R3
Emergency Telephone: (604) 254-3325

Manufacturer: As above

2. Hazards Identification

Routes of Entry:

Skin Contact:	Yes
Skin Absorption:	Yes
Eye Contact:	Yes
Ingestion:	Yes
Inhalation:	Yes

Emergency Overview: Harmful if absorbed through the skin. Inhalation of high vapour concentrations may cause headache, nausea, dizziness, vomiting, drowsiness, incoordination and confusion. Moderate to severe eye and skin irritant. Central nervous system depressant.

Acute Health Effects: Direct contact may cause minor to severe skin irritation. Effect may range from minor rash to more swelling of tissue. In persons predisposed to skin problems, more severe skin reactions may be noticed. Absorption through the skin is harmful leading to overall exposure. Contact with the eyes may cause tearing, irritation, or burning affecting corneal opacity. Based on animal evidence, this product is not considered toxic by ingestion. Although ingestion is not a typical route of entry, ingesting small amounts may cause abdominal discomfort. Inhalation of vapours may cause dizziness, headache, nausea, and difficulty breathing. If misted, inhalation will cause severe irritation of the upper respiratory tract.

Chronic Health Effects: Prolonged contact with the skin may cause redness, rash leading to dermatitis. Chronic inhalation of mists or vapours may cause irreversible lung damage.

GHS Classification: Acute toxicity, oral, Category 4
Acute toxicity, dermal, Category 4
Skin irritation, Category 3
Eye irritation, Category 2B

GHS Hazard Statements:

H302: Harmful if swallowed
H312: Harmful in contact with skin
H316: Causes mild skin irritation
H320: Causes eye irritation

GHS Precautionary Statements:

P264: Wash skin thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/protective clothing.
 P301+P312: IF SWALLOWED: Call a POISON CENTER or a doctor if you feel unwell.
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P321: Special treatment (see First Aid Section in this SDS).
 P330: IF SWALLOWED: Rinse mouth.
 P332+P313: If skin irritation occurs: Get medical advice/attention
 P337+313: If eye irritation persists: Get medical advice/attention.
 P362+P364: Take off all contaminated clothing and wash it before reuse.
 P501: Dispose of contents/container to an approved waste disposal plant

Pictogram:



Signal Word: Warning

3. Composition

Component	% (w/w)	Exposure Limits ACGIH ¹	LD ₅₀	LC ₅₀
Glycol-n-butyl ether (CAS No. 111-76-2)	1-3	TLV-TWA: 20 ppm Basis: Irritation, CNS, Central Nervous System	3000 mg/kg (rat/oral) 400-500 mg.kg (rabbit/dermal)	486 ppm (rat/inhalation, 4 hour)
GHS CLASSIFICATION: ACUTE TOX, ORAL, DERMAL, CAT 4; SKIN IRR, CAT 3, EYE IRR, CAT 2B				
Non-hazardous Ingredients and those below disclosure requirements	95-97	Not applicable	Not Applicable	Not Applicable

* ACGIH: American Conference of Governmental Industrial Hygienists. Exposure limits may vary from time to time and from one jurisdiction to another. Check with local regulatory agency for the exposure limits in your area.

ABBREVIATION KEY: N/p: not published, N/d: not determined, N/ap: not applicable, N/av: not available

4. First Aid Measures

EYE CONTACT: Flush contaminated eye(s) with lukewarm, gently running water for 15 - 20 minutes, holding eyelids open. If contact lenses are present, so not delay irrigation to remove lenses. Take care not to cross contaminate eyes. Seek medical attention if irritation occurs or persists.

SKIN CONTACT: Wash affected area immediately with mild soap and water and continue for 15 minutes. If irritation persists, seek immediate medical attention. Remove any contaminated clothing and launder clothing before reuse.

INHALATION: This product is toxic by inhalation, but when used as recommended, inhalation is unlikely route of entry. but if victim has been exposed to vapours remove to fresh air. If breathing has stopped, a trained person should perform artificial respiration. Get medical attention immediately.

INGESTION: Never give anything by mouth if a victim is losing consciousness, is unconscious, or convulsing. Do not induce vomiting. Rinse mouth with water before giving 240-300 ml of water to dilute material. If vomiting occurs naturally, have victim lean forward with head between knees to reduce risk of aspiration. Seek medical attention.

5. Fire Fighting Measures

Flash point:	Not applicable
Autoignition temperature:	Not applicable. See information under "Fire Fighting Instructions"
Lower Explosive Limit:	Not applicable
Upper Explosion Limit:	Not applicable
Sensitivity to Impact:	Not sensitive.
Sensitivity to Static Discharge:	Not sensitive.

Hazardous Combustion Products: Burning may produce oxides of carbon and nitrogen.

Extinguishing Media: Use a means of extinguishing surrounding fire.

Fire Fighting Instructions: This product is an aqueous solution, and will not combust. Do not enter confined fire space without proper personal protection. Use approved positive pressure self-contained breathing apparatus.

6. Accidental Release Measures

Personal Protection: See Section 8 for proper protective equipment to be worn while cleaning an accidental spill.

Environmental Precautions: Small spills are not expected to have any environmental impact.

Cleanup Procedures: Take precautions to prevent entry of the product into the environment. Absorb onto sand or other inert absorbent media. Shovel into approved, closable waste containers for disposal. Thoroughly flush residue with water.

7. Handling and Storage

Handling Procedures: *Keep out of the reach of children!* Use in an adequately ventilated area. Keep container tightly closed when not in use. Avoid methods of use that will cause misting of product. Launder clothing before reuse. Wash face and hands thoroughly after handling and before eating, drinking, or using tobacco products. Keep from freezing.

Storage: Store in cool, dry place and in an upright position to prevent leakage and away from acids, bases and strong oxidizers.

8. Exposure Controls, Personal Protection

Engineering Controls: If used indoors, ensure adequate ventilation by using local exhaust.

Respiratory Protection: If product is atomized, or heated to product vapours, use a NIOSH approved organic vapour respirator. When cartridge type respirators are used, ensure that the cartridges are changes frequently.

Skin Protection: Wear impervious gloves and clothing such as nitrile rubber or neoprene gloves and apron to prevent skin contact.

Eye and Face Protection: Chemical splash-proof goggles must be worn at all times.

Footwear: As required by worksite rules.

Other: Eye wash station should be located near work area.

9. Physical and Chemical Properties

Appearance:	Amber liquid
Odour:	Slight ammonia
Odour Threshold:	No data
pH:	9.4 – 9.7
Melting Point/Freezing Point:	-1°C
Initial Boiling Point:	100 °C
Flash Point:	Not applicable
Evaporation Rate:	Slower than ether
Flammability:	Not applicable
Upper Explosion Limit:	Not applicable
Lower Explosion Limit:	Not applicable
Vapour Pressure:	No data
Vapour Density:	No data
Relative Density:	0.98 (water=1)
Solubility:	Infinite solubility in water
Partition Coefficient:	No data
Autoignition Temperature:	Not applicable
Decomposition Temperature:	No data
Viscosity:	No data
Explosive Properties:	No data
Oxidizing Properties:	No data

10. Stability and Reactivity

Chemical Stability and Reactivity: Product is stable. Product may react with strong mineral acids.

Incompatibility: Avoid contact with strong oxidizers, mineral acids and bases.

Hazardous Decomposition Products: Oxides of carbon and nitrogen.

Hazardous Polymerization: Hazardous polymerization will not occur.

11. Toxicological Information

Acute Exposure Theoretical oral LD₅₀ for the product is greater than 25 g/kg (oral/rat). The LD₅₀ (dermal) has not been determined.

Chronic Exposure:	See Section 3.
Exposure Limits:	See Section 2.
Irritancy:	See Section 3.
Sensitization:	See Section 3.
Carcinogenicity:	Glycol-n-butyl ether is carcinogenic in laboratory animals under conditions that are not considered relevant to worker exposure. Available human studies and evidence suggests that this product is not likely to cause cancer in humans except under unusual or unlikely routes or levels of exposure.
Teratogenicity:	No evidence
Reproductive toxicity:	No evidence
Mutagenicity:	No evidence
Synergistic products:	None reported.

12. Ecological Information

Environmental toxicity: No data available.

Biodegradability: No data available.

13. Disposal Considerations

Canadian Environmental Protection Act: All ingredients are listed on the DSL. Dispose according to all local, provincial and federal requirements.

14. Transport Information

Canadian Transportation of Dangerous Goods Regulations: Not regulated.

International Air Transport Association (IATA): Not regulated.

International Maritime Organization (IMO): Not regulated.

Marine Pollutant: No

15. Regulatory Information

Canadian Federal Regulations:

Canadian Environmental Protection Act: All ingredients are on the Domestic Substances List.

WHMIS Classification: D1A, D2B

GHS Classification: Acute toxicity, oral, Category 4
Acute toxicity, dermal, Category 4
Skin irritation, Category 3
Eye irritation, Category 2B

16. Other Information

Original Preparation Date: March 6, 2008

Prepared by: KJ Pearson and Associates Ltd., West Vancouver, B.C., Canada, V7W 1P3

Disclaimer: This Safety Data Sheet (SDS) was prepared in accordance with criteria and requirements of the Hazardous Products Act and the Controlled Products Regulations using information provided by the manufacturer and other sources including CCINFO (Chemical Information published by the Canadian Centre for Occupational Health and Safety). This SDS incorporates the safety requirements of The Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The information in this SDS is offered for your consideration and guidance when exposed to this product. CBR Products expressly disclaims all expressed or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

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Revisions: November 19, 2014