



MATERIAL SAFETY DATA SHEET

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

1. Product and Supplier Identification

Product: Broda Pro-Thane Ultra Clear Cabinet Trim

Product Use: Urethane 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. Composition

Component	% (w/w)	Exposure Limits (ACGIH*)	LD ₅₀	LC ₅₀
Triethylamine (CAS No. 121-44-8)	1-1.5	TLV-TWA 1 ppm (4.1 mg/m ³) TLV-STEL 3 ppm (12 mg/m ³)	Oral 460 mg/kg (rat) Dermal 570 mg/kg (rabbit)	6000 mg/m ³ (mouse-2hour_
Remaining ingredients are below the disclosure requirements	98-99	N. applicable	N. applicable	N. applicable

1. Exposure Limits are those published by ACGIH, American Conference of Governmental Industrial Hygienists.
2. 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.

3. Hazards Identification

Routes of Entry:

Skin Contact: Minor Eye Contact: Moderate Ingestion: Moderate Inhalation: Minor

Acute Health Effects: Small concentrations of formaldehyde may be present in this product. Ingestion is an unlikely route of entry. Although ingestion is not a typical route of entry, ingesting small amounts may cause abdominal discomfort. Inhalation of vapours or mists can cause irritation of the nose and throat. Contact with eyes may cause eye irritation resulting in tearing and redness. Vapours can cause severe eye irritation. Skin contact may produce allergic reaction due to the presence of very small concentrations of formaldehyde. Reaction will depend upon the degree of skin sensitization in the person contact with the product.

Chronic Health Effects: Prolonged contact with the skin may cause redness, rash leading to dermatitis. This product contains n-methyl-2-pyrrolidone which in some studies has shown to present a risk of reproductive and developmental harm on the fetus. A small residue of formaldehyde may be present in this product and based on animal information, formaldehyde is considered to be a possible carcinogen, mutagen and skin sensitizer.

4. First Aid Measures

EYE CONTACT: Flush contaminated eye(s) with lukewarm, gently running water for 30 minutes, holding eyelids open. Seek medical attention if irritation 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 is an unlikely route of entry, but if victim has been exposed to vapours or mists, remove to fresh air. If breathing has stopped, a trained person should perform artificial respiration. Get medical attention immediately.

INGESTION: Do not induce vomiting unless directed to do so by a medical professional. Give 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. Manganese oxide.

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: 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: 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.

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 changed 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:	Milky liquid	Freezing Point	0 °C
Odour:	Slight	Boiling Point:	100 °C
Odour Threshold:	No data	Critical Temperature:	No data
pH:	8.4 – 8.6	Relative Density:	1.05 (water = 1)
Vapour Pressure:	No data.	Partition Coefficient:	No data
Solubility:	Soluble in water in all concentrations.	Evaporation Rate:	No data
Vapour Density:	No data (air = 1)		

10. Stability and Reactivity

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

Incompatibility: Avoid contact with strong oxidizers, reducers, 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:	Formaldehyde is a suspected carcinogen based on animal information.
Teratogenicity:	Not available
Reproductive toxicity:	Not available
Mutagenicity:	Formaldehyde is a suspected mutagen based on animal information.
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.

15. Regulatory Information

Canadian Federal Regulations:

Canadian Environmental Protection Act: All ingredients are on the Domestic Substances List.
WHMIS Classification: D2B

16. Other Information

Original Preparation Date: March 4, 2008

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Disclaimer: This Material Safety Data Sheet was prepared in accordance with criteria and requirements of the Hazardous Products Act and the Controlled Products Regulations using

Broda Pro-Thane Ultra Clear Cabinet Trim

information provided by the manufacturer and other sources including CCINFO (Chemical Information published by the Canadian Centre for Occupational Health and Safety). The information in the Material Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Canadian Building Restoration Products, Inc. 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 MSDS does not apply to use with any other product or in any other process.

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Revisions: None