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 601-C Water Hold Out**

Product Use: Water Hold Out

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
No controlled ingredients		

3. Hazards Identification

Routes of Entry:

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

Acute Health Effects: Significant harmful effects are not expected by any route of exposure. For eye contact, the liquid is a mild irritant. Due to the low volatility of the hazardous ingredient, acute inhalation effects are unlikely. Inhalation of high concentrations of mists may result in irritation of the upper respiratory tract and nausea, headache, dizziness, weakness and fatigue. Aspiration of product may result in pulmonary edema. Product is non-toxic to skin. Ingestion is not a common route of occupational exposure, but should large quantities be ingested, mild gastrointestinal irritation resulting in possible diarrhea, nausea and vomiting may occur.

Chronic Health Effects: Long-term exposure may cause harm to kidneys, central nervous system, and eyes.

Medical Conditions Aggravated by Exposure: May aggravate pre-existing kidney and lung disorders.

4. First Aid Measures

Eye Contact: Quickly and gently blot or brush away excess chemical. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the chemical is removed, while holding the eyelid(s) open. If irritation occurs and persists, obtain medical attention immediately.

Skin Contact: Avoid direct contact with skin by wearing chemical resistant protective clothing. Remove contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Gently blot or brush away excess chemical. Wash gently and thoroughly with water and non-abrasive soap for at least 5 minutes or until chemical is removed. If irritation occurs and persists, obtain medical attention immediately. Completely decontaminate clothing, shoes and leather goods before re-use or discard.

Inhalation: Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. Symptoms of pulmonary edema can be delayed up to 48 hours after exposure. Immediately transport victim to an emergency care facility.

Ingestion: Never give anything by mouth if victim is rapidly losing consciousness. Have victim rinse mouth thoroughly with water. **Do not induce vomiting**. Dilute contents of stomach with 240 to 300 ml of water. If vomiting occurs naturally have victim lean forward to reduce risk of aspiration. Seek immediate medical attention.

5. Fire Fighting Measures

Flash point:	Not applicable
Autoignition temperature:	Not applicable
Lower Explosive Limit:	Not applicable
Upper Explosion Limit:	Not applicable
Sensitivity to Impact:	Not sensitive.
Sensitivity to Static Discharge:	Not sensitive.

Hazardous Combustion Products: Combustion may produce CO2, CO and nitrous oxides

Extinguishing Media: Use any method for surrounding fire. Keep containers cool, by applying a water stream.

Fire Fighting Instructions: Evacuate area and fight fire from a safe distance or a protected location. Approach fire from upwind to avoid hazardous vapours and toxic decomposition products. Do not enter confined fire space without proper personal protection. Use approved positive pressure self-contained breathing apparatus. If possible, isolate materials not yet involved in the fire, and move containers from fire area if this can be done without risk, and protect personnel. Otherwise, fire-exposed containers or tanks should be cooled by application of hose streams and this should begin as soon as possible and should concentrate on any unwetted portions of the container.

6. Accidental Release Measures

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

Environmental Precautions: Prevent product from entering sewers, natural waterways.

Cleanup Procedures: Restrict access to area until completion of cleanup. Absorb onto sand or other inert absorbent media and shovel into approved closable waste containers for disposal.

7. Handling and Storage

Handling Procedures: Before handling, it is imperative that the personal equipment requirements and personal hygiene measures be followed. Inspect containers for damage or leaks before handling. Keep container tightly closed when not in use. Wash face and hands thoroughly after handling, and before eating, drinking, or using tobacco products.

Storage: Store in cool, dry, well ventilated area.

8. Exposure Controls, Personal Protection

Engineering Controls: If used indoors, ensure adequate ventilation by using local exhaust. Prevent handling methods that will increase airborne mists.

Respiratory Protection: When sprayed onto application, precautions must be taken to provide respiratory protection. Use air-purifying respirator with high efficiency particulate filter, or a high efficiency particulate filter. If applied by brush or roller, use of respiratory equipment is unnecessary.

Skin Protection: Use protective gloves, coveralls, aprons, overshoes.

Eye and Face Protection: For spray applications, use of chemical splash-proof goggles is recommended. None required for brush or roller application.

Footwear: As required by workplace.

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

9. Physical and Chemical Properties

Appearance:	White liquid	**Boiling Point:**	100 ^{o}C
Odour:	None	**Critical Temperature:**	Not applicable.
Odour Threshold:	No data	**Relative Density:**	0.98 (water = 1)
pH:	Not applicable		
Vapour Pressure:	Not available	**Partition Coefficient:**	No data
Solubility:	Soluble in water.	**Evaporation Rate:**	Slower than ether
Vapour Density:	Not available		
Freezing Point	0 ^{o}C		

10. Stability and Reactivity

Chemical Stability and Reactivity: Product is stable.

Incompatibility: Avoid contact with strong oxidizing agents and acids. Aluminum at high temperatures

Hazardous Decomposition Products: Combustion may produce CO2, CO and nitrous oxides

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Acute Exposure: Mild irritant. Theoretical LD_{50} (rat/oral) for product exceeds 10 g/kg.

Chronic Exposure:	See Section 3.
Exposure Limits:	See Section 2.
Irritancy:	See Section 3.
Sensitization:	No
Carcinogenicity:	Ingredients not listed by IARC, NTP, OSHA, and ACGIH
Teratogenicity:	Information not available
Reproductive toxicity:	Information not available
Mutagenicity:	Information not available
Synergistic products:	None known.

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: July 22, 2002

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Comments: This Material Safety Data Sheet was prepared using information provided by Canadian Building Restoration Products, Inc., and CCINFO.

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