



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: 700XX Special Coating Stripper

Product Use: Coating Stripper

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

Manufacturer: American Building Restoration Products, Inc.,
9720 South 60th Street,
Milwaukee, Wisconsin, USA, 53132

2. Hazards Identification

Routes of Entry:

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

Acute Health Effects: Inhalation: Methylene chloride can cause slight irritation and mild central nervous system (CNS) depression. Slight irritation of the nose and throat were noted in one study after exposure to 500 ppm for 1 hour. Skin Contact: The liquid is a moderate to severe irritant. If methylene chloride is sealed to the skin by gloves, shoes or tight clothing, serious irritation may result. Eye Contact: A vapour concentration of 500 ppm caused mild eye irritation after one hour. Liquid and concentrated vapours may cause moderate to severe irritation. Liquid may cause temporary corneal damage. Ingestion: Toxic. Causes irritation of mucous membranes of mouth and throat. May cause CNS depression and blindness. Severe overexposure may cause metabolic acidosis, unconsciousness and death.

Chronic Health Effects: Repeated or long term exposure to skin may cause dermatitis. Exposure to vapour over extended periods of time has shown neurological effects being identified as having blurred vision, memory loss, or delirium.

Target Organs: Liver, blood, pancreas central nervous system, heart and kidneys.

GHS Classification: Flammable liquid, Category 2
Acute toxicity, oral, Category 3
Acute toxicity, inhalation, Category 3
Acute toxicity, dermal, Category 3
Skin irritation, Category 2
Eye irritation, Category 2A
Carcinogenicity, Category 2
Specific target organ toxicity, Single Exposure, Category 1
(Respiratory system and Central Nervous System)
Specific target organ toxicity, Repeated Exposure, oral, Category 2
(Liver, Blood)

700XX Special Coating Stripper

Specific target organ toxicity, Repeated Exposure, inhalation, Category 2
(Central Nervous System)

GHS Hazard Statements:

H315: Causes skin irritation
H319: Causes serious eye irritation
H225: Highly flammable liquid and vapour
H301: Toxic if swallowed
H311: Toxic in contact with skin
H331: Toxic if inhaled
H335: May cause respiratory irritation
H336: May cause drowsiness or dizziness
H351: Suspected of causing cancer
H373: May cause damage to organs (Liver, Blood) through prolonged or repeated exposure if swallowed
H373: May cause damage to organs (Central Nervous System) through prolonged or repeated exposure if inhaled

GHS Precautionary Statements:

P201: Obtain special instructions before use
P202: Do not handle until all safety precautions have been read and understood
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed
P240: Ground and bond container and receiving equipment
P241: Use explosion-proof (electrical, ventilation, lighting) equipment
P242: Use non-sparking tools
P243: Take action to prevent static discharges
P260: Do not breathe mist/vapours/spray
P264: Wash skin thoroughly after handling
P270: Do not eat, drink, or smoke when using this product
P271: Use only outdoors or in a well-ventilated area
P280: Wear eye protection/face protection/gloves
P301: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P352: IF ON SKIN: Wash with plenty of soap and water
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313: IF exposed or concerned: Get medical advice/attention
P312: Call a POISON CENTER if you feel unwell
P321: Specific treatment (See First Aid Section in this SDS)
P330: Rinse mouth
P332+P313: If skin irritation occurs: Get medical advice/attention
P337+P313: If eye irritation persists: Get medical advice/attention
P361+P364: Take off immediately all contaminated clothing and wash before reuse.
P370+P378: In case of fire, use carbon dioxide, dry chemical powder, foam, water spray or fog to extinguish.
P403+P233+P235: Store in a well-ventilated place. Keep container tightly closed and cool.
P405: Store locked up
P501: Dispose of contents/container to an approved waste disposal plant.

Pictogram:



Signal Word: Danger

3. Composition

Component	% (w/w)	Exposure Limits ACGIH*	LD ₅₀	LC ₅₀
Dichloromethane (CAS No. 75-09-2)	70	TLV-TWA 50 ppm (174 mg/m ³) Suspected Human Carcinogen, confirmed animal carcinogen, (CNS, anoxia)	2280 mg/kg (oral/rat)	22170 ppm (rat/inhalation, 4 hour)
Methanol (CAS No. 67-56-1)	15	TLV-TWA 200 ppm, (neuropathy, vision, and CNS)	562 mg/kg (oral/rat) 15000 mg/kg (dermal/rabbit)	64000 ppm (rat/inhalation, 4 hour)
Toluene (CAS No. 108-88-3)	5	TLV-TWA 50 ppm (188 mg/m ³), skin, CNS	5580 mg/kg (oral/rat) 12125 mg/kg (dermal/rabbit)	7585 ppm (rat/inhalation, 4 hour)
Acetone (CAS No. 67-64-1)	2	TLV-TWA 500 ppm, irritation	6700 mg/kg (oral/rat) 15800 mg/kg (dermal/rabbit)	30000 ppm (rat/inhalation, 4 hour)
Furfuryl Alcohol (CAS No.98-00-0)	3	TLV-TWA: 10 ppm (40 mg/m ³) TWA-STEL: 15 ppm (60 mg/m ³), skin	132 mg/kg (oral/rat) 657 mg/kg (dermal/rabbit)	223 ppm (rat/inhalation, 4 hour)
GHS CLASSIFICATION: ACUTE TOX, ORAL, DERMAL, CAT 5; SKIN IRR, CAT 2; EYE IRR, CAT 2A; CARCINOGEN, CAT 2; STOT SE, CAT 3, STOT RE, ORAL, INH, CAT 2				
Non-hazardous ingredients or those below disclosure limits	5	N/ap	N/ap	N/ap

* 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: 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. Obtain medical attention immediately.

Skin Contact: Avoid direct contact, and wear chemical resistant protective clothing. As quickly as possible, remove contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Wash gently and thoroughly with water and non-abrasive soap for at least 20 minutes or until chemical is removed. Obtain medical advice immediately. Completely decontaminate clothing, shoes and leather goods before re-use or discard.

Inhalation: Possible reproductive hazard and carcinogen (A3). 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. DO NOT allow the victim to move about unnecessarily. 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:	>4.4 °C (TCC)
Autoignition temperature:	640 °C (methylene chloride)
Lower Explosive Limit:	0%
Upper Explosion Limit:	66.4%
Sensitivity to Impact:	Not sensitive.
Sensitivity to Static Discharge:	Not sensitive.

Hazardous Combustion Products: Chlorinated organic vapours, carbon monoxide, carbon dioxide.

Extinguishing Media: Carbon dioxide, dry chemical powder, foam, water spray or fog. Firefighting foams are the extinguishing agent of choice for most flammable liquid fires.

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, or confined spaces.

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

7. Handling and Storage

Handling Procedures: *Keep out of the reach of children!* This product may become flammable if exposed to air. Before handling, it is imperative that the personal equipment requirements and personal hygiene measures be followed. Inspect containers for damage or leaks before handling. Unprotected persons should avoid all contact with this product including contaminated equipment. Use in smallest quantities in a well ventilated area. Do not use with incompatible materials such as strong oxidants. Ensure all containers are correctly labeled indicating hazards. 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 out of direct sunlight, and away from heat and ignition sources.

8. Exposure Controls, Personal Protection

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

Respiratory Protection: For vapour concentrations over the IDLH of 2300 ppm, use positive pressure, full-face air supplied respirators. However, it is recommended that respiratory protection, such as self contained breathing apparatus be used for any application where there is either a confined space or poor ventilation.

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

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

Footwear: Chemical resistant boots or overshoes.

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

9. Physical and Chemical Properties

Appearance:	Thick amber gel
Odour:	Ether-like odour
Odour Threshold:	0.16 – 31 ppm
pH:	Not applicable
Melting Point/Freezing Point:	No data
Initial Boiling Point:	40°C
Flash Point:	> 4.4 °C (TCC)
Evaporation Rate:	No data
Flammability:	Flammable liquid
Upper Explosion Limit:	66.4%
Lower Explosion Limit:	0 %
Vapour Pressure:	No data
Vapour Density:	< 1 (air=1)
Relative Density:	1.15 (water=1)
Solubility:	No data
Partition Coefficient:	No data
Autoignition Temperature:	No data
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 normally stable.

Incompatibility: Methylene chloride may become flammable in air at 27 deg C in the presence of less than 0.5 volume % of methanol. Avoid contact with oxidizing agents.

Hazardous Decomposition Products: Chlorinated organic vapours, carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Acute Exposure: Combustible, toxic, and mildly corrosive. Theoretical LD₅₀ (rat/oral) for product exceeds 5000 mg/kg. LC 57000 ppm (rat/15 minute exposure, methanol)

Chronic Exposure:	See Section 3.
Exposure Limits:	See Section 2.
Irritancy:	See Section 3.
Sensitization:	Yes. See Section 3.
Carcinogenicity:	Information not available
Teratogenicity:	May cause teratogenic/embryotoxic effects based on studies with laboratory animals, but only at dose levels toxic to mother.
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: UN 1992, FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol, Dichloromethane), Class 3(6.1), P.G. II

International Air Transport Association (IATA): UN1992, Flammable Liquid, Toxic, n.o.s.(Methanol, Dichloromethane), Class 3(6.1), PG II

International Maritime Organization (IMO): UN 1992, Flammable Liquid, Toxic, n.o.s.(Methanol, Dichloromethane), Class 3(6.1), PG II, EmS F-E, S-D, Flash Point = 4.4 °C

Marine Pollutant: No

15. Regulatory Information

Canadian Federal Regulations:

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

WHMIS Classification: B2, D1A, D2A, D2B

GHS Classification:

- Flammable liquid, Category 2
- Acute toxicity, oral, Category 3
- Acute toxicity, inhalation, Category 3
- Acute toxicity, dermal, Category 3
- Skin irritation, Category 2
- Eye irritation, Category 2A
- Carcinogenicity, Category 2
- Specific target organ toxicity, Single Exposure, Category 1
(Respiratory system and Central Nervous System)
- Specific target organ toxicity, Repeated Exposure, oral, Category 2
(Liver, Blood)

Specific target organ toxicity, Repeated Exposure, inhalation, Category 2
(Central Nervous System)

16. Other Information

Original Preparation Date: February 17, 2000

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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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