

SECTION 1: Identification and Company Details

Product Name: Urethane/ Multipurpose Adhesive Cleaner
Product Code: R5505

Manufacturer/ Supplier: Roberts Canada Ltd.
Address: 34 Hansen Road. S
Brampton, ON L6W 3H4

Emergency Phone: 1(888) 226-8832 (24-hour Response / CANUTEC)
Product Information: (905) 791-4444

Recommended Use: Adhesive and coating removal

SECTION 2: Hazard(s) Identification

OSHA / HCS Status: This material is considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification of the substance or mixture: Acute Oral Toxicity Category 4 H302
Acute Inhalation Toxicity (Vapors) Category 4 H322
Skin Irritation Category 2 H315
Eye Irritation Category 2 H319

Signal Word: Warning

Hazard Statements: H302 – Harmful if swallowed
H332 – Harmful if inhaled
H315 - Causes skin irritation
H319 - Causes serious eye irritation

Hazard Pictograms: None

Precautionary Statements: P264 - Wash hands thoroughly after handling.
P261 – Avoid breathing vapors.
P271 – Use only outdoors or in a well-ventilated area.
P270 – Do not eat, drink or smoke when using this product.
P280 - Wear eye protection, protective clothing, protective gloves.
P301+P312 – IF SWALLOWED: Call ca POISON CENTER or doctor/physician if you feel unwell.
P330 – Rinse mouth.
P304+P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 – Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P501 - Dispose of contents/container to licensed waste handling facility.

Other hazards: No additional information available

Unknown acute toxicity (GHS-US) No data available

SECTION 3: Composition/ Information on Ingredients

	Wt%	CAS #
Benzyl Alcohol		100-51-6
2-(2-butoxyethoxy) ethanol		112-34-5
Aliphatic dibasic esters		

*The exact percentage of composition has been withheld as a trade secret

SECTION 4: First-Aid Measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

- Inhalation:** IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. If breathing stops, give artificial respiration. If breathing is difficult, give oxygen.
- Skin contact:** IF ON SKIN: Immediately rinse with plenty of soap and water (for at least 15 minutes). If skin irritation occurs, get medical advice/attention. Remove contaminated clothing/shoes and wash before reuse
- Eye contact:** IF IN EYES: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation occurs, get medical advice/attention.
- Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Obtain emergency medical attention.

Most important symptoms and effects, both acute and delayed:

Symptoms/injuries: May be fatal if swallowed and enters airways.

Symptoms/injuries after inhalation: Inhalation in high concentrations may cause irritation of the mucous membranes. Solvent vapors are hazardous and may cause nausea, sickness and headaches. Aspiration of this material into the lungs may cause chemical pneumonia or death.

Symptoms/injuries after skin contact: Contact is likely to cause irritation.

Symptoms/injuries after eye contact: Direct contact with the eyes is likely to be irritating.

Symptoms/injuries after ingestion: May be harmful if swallowed. Acute ingestion causes CNS depression, oropharyngeal and gastric pain and vomiting.

Chronic symptoms: No data available.

Indication of any immediate medical attention and special treatment needed:

No additional information available

SECTION 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: Water fog, dry chemical, foam.

Special hazards arising from the substance or mixture

Explosion hazard: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

Reactivity: No dangerous reactions known under normal conditions of use.

Advice for firefighters:

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.

Protection during firefighting:

Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

General measures: Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

For non-emergency personnel:

Protective equipment: Wear Protective equipment as described in Section 8.

Emergency procedures: Evacuate unnecessary personnel.

For emergency responders:

Protective equipment: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

Environmental precautions:

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

Methods and material for containment and cleaning up:

For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up:

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

Reference to other sections: No additional information available

SECTION 7: Handling and Storage

Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe mists. Keep away from sources of ignition - No smoking.

Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat sources.

Keep container closed when not in use. Do not allow to freeze, as container may burst.

Specific end use(s): No additional information available

SECTION 8: Exposure Control / Personal Protection**Control parameters****Benzyl Alcohol (100-51-6)**

Remark (ACGIH) OELs not established

Remark (US OSHA) OELs not established

2-(2-butoxyethoxy)ethanol (112-34-5)

Remark (ACGIH) TWA - 10 ppm

Remark (US OSHA) OELs not established

Aliphatic dibasic esters (mixture)

Remark (ACGIH) Remark (ACGIH)

Remark (US OSHA) Remark (US OSHA)

Exposure controls

Appropriate engineering controls: Ensure adequate ventilation, especially in confined areas.

Personal protective equipment: Gloves, protective clothing, protective goggles, respiratory protection of the dependent type.

Hand protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur.

Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Natural rubber ("latex"), Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.

Eye protection: Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles. Have eye flushing equipment available.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: An approved organic vapor respirator/supplied air or self-contained breathing apparatus must be used when vapor concentration exceeds applicable exposure limits.

SECTION 9: Physical and Chemical Properties

Physical state: Liquid, viscous⁴

Appearance: Clear
Color: None
Odor: Sharp
Odor Threshold: No data available
pH: Not applicable
Relative evaporation rate (butyl acetate=1): No data available
Melting point: No data available
Freezing point: No data available
Boiling point: 195 °C (383 °F) Note: Minimum
Flash point: 94 °C (200 °F) Note: Minimum. Method: PMCC
Self-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapor pressure: < 0.1 mm Hg @ 68 °F
Relative vapor density at 20 °C: No data available
Relative density: Heavier than air
Solubility: No data available
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosive properties: No data available
Oxidizing properties: No data available
Explosive limits: No data available
VOC content: < 500 g/L

*When determining VOC content in accordance with the requirements set forth by the California Air Resource Board (CARB) and Ozone Transport Commission (OTC) for the category Specialty Adhesive Removers, effective 01-01-2009

SECTION 10: Stability and Reactivity

Reactivity: No dangerous reactions known under normal conditions of use.

Chemical stability: Stable under recommended handling and storage conditions (see section 7).

Possibility of hazardous reactions: None known.

Conditions to avoid: Sparks, heat, open flame.

Incompatible materials: Avoid contact with: Strong acids and oxidizers.

Hazardous decomposition products: Thermal decomposition generates: Carbon oxides (CO, CO₂).

SECTION 11: Toxicological Information

Acute toxicity: Not classified

Acute toxicity : Oral, Inhalation - vapors

Benzyl Alcohol (100-51-6)

LD50 oral > 1200 mg/kg

LD50 dermal > 2000 mg/kg

2-(2-butoxyethoxy)ethanol (112-34-5)

LD50 oral > 4500 mg/kg

LD50 dermal > 2700 mg/kg

Aliphatic dibasic esters (mixture)

LD50 oral rat > 5000 mg/kg

LD50 dermal rabbit > 2200 mg/kg

Skin corrosion/irritation: Category 2

Serious eye damage/irritation: Category 2A

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified
Symptoms/injuries after ingestion
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: May be fatal if swallowed and enters airways.
Inhalation: Inhalation in high concentrations may cause irritation of the mucous membranes. Aspiration of this material into the lungs may cause chemical pneumonia or death.
Skin contact: Contact is likely to be irritating.
Symptoms/injuries after eye contact: Direct contact with the eyes is likely to be irritating.
Symptoms/injuries after ingestion: Acute ingestion causes CNS depression, oropharyngeal and gastric pain and vomiting
Chronic symptoms: No data available.

SECTION 12: Ecological Information

Toxicity: No additional information available
Persistence and degradability: No additional information available
Bio accumulative potential: No additional information available
Mobility in soil: No additional information available
Other adverse effects: No additional information available

SECTION 13: Disposal Considerations

Waste treatment methods: Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.
Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

SECTION 14: Transport Information

In accordance with DOT: Transport document description: Cleaning Compound
Department of Transportation (DOT) Hazard Classes: Not Regulated – Product does not sustain combustion
Transport by sea: No additional information available
Air transport: No additional information available
In accordance with ADR / RID / IMDG / IATA / ADN

SECTION 15: Regulatory Information

US Federal regulations

Universal Floor Polish

All chemical substances in this product are listed or exempted in the EPA (Environmental Protection Agency) TSCA (Toxic Substances Control Act) Inventory

SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard

International regulations

CANADA

2-(2-butoxyethoxy)ethanol (112-34-5)

Listed on the Canadian DSL (Domestic Substances List) inventory

National Regulations

2-(2-butoxyethoxy)ethanol (112-34-5)

Listed on Inventory of Existing Chemical Substances (IECSC)

Listed on the AICS (the Australian Inventory of Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.

Listed on the Korean ECL (Existing Chemical List) inventory.

Listed on the Philippines CCS (Chemicals & Chemical Substances) inventory

US State regulations

California Proposition 65

Warning: This product does not contain a chemical known to the State of California to cause birth defects or other reproductive harm.

SECTION 16: Other Information

This Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200).

HMIS RATING: HEALTH-1, FLAMMABILITY-1, REACTIVITY-0, PERSONAL PROTECTION- B.

Prepared by: Roberts Consolidated Product Safety & Regulatory Compliance Group, (706) 277-5294

The information herein is given in good faith, but no warranty expressed or implied is made. Roberts Consolidated urges users of this product to evaluate its suitability and compliance with local regulations as Roberts Consolidated cannot foresee the final use of the product, nor the final location of usage.

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