

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

ADAPT Australia Pty. Ltd.

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**Product Name: AirRepair® –
Plastic Primer**

Chemical Description: Solvent/Adhesive Blend
Product Use: Adhesion Promotion

2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of NOHSC Australia.

Risk Phrases: R10 Flammable.
R20 Harmful by inhalation.
R65 May cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.

Safety Phrases: S2 Keep out of reach of children.
S24 Avoid contact with skin.

NFPA Ratings: Health: 2
Fire: 3
Reactivity: 0

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS #</u>	<u>Weight %</u>
1-Bromopropane	106-94-5	60 - 90
Cyclohexane	110-82-7	<10

4. FIRST AID MEASURES

Eye Contact: If eye irritation from exposure to vapors develops, move to fresh air. Flush eyes with clean water. If irritation persists, seek medical attention. For direct eye contact, flush with large quantity of water for 15 minutes. Seek medical attention.

Skin Contact: Remove contaminated clothing; flush skin thoroughly with water. If irritation persists, seek medical attention.

Inhalation (Breathing): If irritation of nose or throat develops, move to fresh air. If irritation persists, seek medical attention. If breathing is difficult, provide oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.

Ingestion (Swallowing): Do not induce vomiting or give anything by mouth. Petroleum content can be aspirated into lungs and cause aspiration pneumonitis. If victim is drowsy or unconscious, place on the left side with head down. Do not leave victim unattended. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Flash Point: <25°C

Flammable Limits:	Not Available
Autoignition Temperature:	Not Available
Hazardous Decomposition Products:	Include hydrogen bromide, bromine and oxides of carbon. Include oxides of nitrogen.
Extinguishing Media:	Dry chemical, Foam, or CO ₂
Special Precautions:	Wear full protective clothing, including self-contained, positive pressure or pressure-demand breathing apparatus. Use water spray to cool fire-exposed containers.
Unusual Hazards:	Toxic smoke and vapors may form during combustion.

6. ACCIDENTAL RELEASE MEASURES

Spill hazard is limited with small package. For small spills, absorb with sand or absorbents. If spill is indoors, ventilate area of spill. Keep out of drains, sewers or waterways. Do not flush area with water.

7. HANDLING AND STORAGE

Keep containers tightly closed. Keep containers cool, dry, and away from sources of ignition. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice. Use and store this product with adequate ventilation. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection:	Normal ventilation adequate. If exposure exceeds recommended limits, respirator protection is recommended. Use a respirator or gas mask with cartridges for organic vapors (NIOSH approved) or use supplied air equipment.		
Protective Gloves:	For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation. Nitrile gloves, provided in AirRepair® Kit, are acceptable for short term contact (<15 minutes).		
Eye Protection:	Eye protection is recommended, especially if the material is used in ways where it could splash in the eyes. Wear goggles or safety glasses with side shields.		
Other Protective Equipment:	It is suggested that a source of clean water be available in work area for flushing eyes and skin. Impervious clothing should be worn as needed.		
Exposure Limits and Recommendations:	1-Bromopropane	AEL (acceptable exposure limit) Assigned by United States EPA	25 ppm
	Cyclohexane	TWA Assigned by Worksafe Australia	300 ppm / 1,030 mg/m ³

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light yellow liquid, slightly viscous
Odor Threshold:	Not Available
Vapor Density (Air = 1):	>2
Specific Gravity (H₂O = 1):	1.2
Solubility in Water:	Not Available
Boiling Point:	71°C (initial)
Freezing Point:	Not Available
Evaporation Rate:	>2 (Water = 1)
Vapor Pressure:	139 mm Hg @ 25°C
Coefficient of Water/Oil Distribution:	Not Available
pH:	Not Applicable
Volatiles (Weight %):	94%

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	High temperatures, open flame, other potential ignition sources.
Materials to Avoid:	Oxidizing agents and strong acids (or bases).
Hazardous Decomposition Products:	Oxides of carbon, sulfur and nitrogen, aldehydes, ketones; hydrogen bromide, bromine and other unknown organic compounds.
Conditions Under Which Hazardous Polymerization May Occur:	None.

11. TOXICOLOGICAL INFORMATION

Eye Contact:	Direct eye contact with vapors may cause eye irritation. This irritation is minimal and expected to be transient.
Skin Contact:	Prolonged or repeated skin exposure can remove oils, causing redness, drying and cracking. Persons with pre-existing skin disorders may be more susceptible to skin irritation from this material.
Irritation and Sensitization Potential:	Skin irritant.
Inhalation (Breathing):	Excess inhalation can cause headache; narcosis; dizziness; drowsiness; irritation; unconsciousness; numbness; potential nerve damage; and pulmonary irritation.
Ingestion (Swallowing):	Excess ingestion can cause nausea; drowsiness, stupor; incoordination; CNS depression; potential liver damage. Content is an aspiration hazard.
Oral Toxicity:	Not Available
Chronic Exposure:	Long term overexposure may cause adverse effects in the liver, respiratory system, kidney, and central nervous system.
Carcinogenic Status:	This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.
Reproductive Toxicity:	Not Available
Mutagenicity:	Not Available
Teratogenicity:	Not Available
Toxicologically Synergistic Products:	Not Available

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No information available.
Persistence and Degradability:	No information available.
Mobility:	No information available.
Bioaccumulation:	No information available.
Other:	

13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with National and Local Regulations.

14. TRANSPORTATION INFORMATION

UN Number:	2344
UN Proper Shipping Name:	Bromopropanes
Class and Subsidiary Risk:	3
Packing Group:	III

15. REGULATORY INFORMATION

All components are listed on the AICS. Product classified as Xn (Harmful).

16. OTHER INFORMATION

Date Reviewed: 23 May 2006

Reviewed By: S. H. Dahlke

The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.

AR-Primer:AU