

ADVABOND 14

Material Safety Data Sheet

1. Identification of Material and Supplier

Product Name: ADVABOND 14, ADVABOND 14B, SHEARER'S ADHESIVE

Recommended Use: Adhesive.

Supplier: Advanced Adhesives Pty. Ltd.

ABN: 19 079 016 550

Street Address: 5 Dowling Place
South Windsor,
New South Wales 2756
Australia

Telephone Number: +61 2 45776611
Facsimile: +61 2 45776110

Emergency Telephone: (24 HOURS) **Contact Poison Information Centre:** 13 11 26

2. Hazards Identification

NON HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS.

This material is NOT classified as Hazardous according to health criteria of NOHSC Australia. Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

Poisons Schedule (Aust): Not applicable

3. Composition/Information on Ingredients

COMPOSITION	CAS #	%
Ammonium hydroxide	1336-21-6	< 0.5
Non-hazardous Ingredients	-	To 100%

4. First-Aid Measures

For advice, contact a Poisons Information Centre (Phone: Australia 131 126; New Zealand 0800 764 766) or a doctor.

Inhalation: Remove patient to fresh air. Allow patient to rest in a comfortable position until recovered. Seek medical advice if symptoms persist.

Skin: Wash area(s) with soap and water. Remove contaminated clothing. Seek medical attention if skin irritation occurs.

Eye Contact: Immediately flush contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed, while holding the eyelid(s) open. Obtain medical advice immediately if irritation occurs. Take special care if exposed person is wearing contact lenses. It is advisable to seek medical advice for all eye contaminations.

ADVABOND 14

Material Safety Data Sheet

Ingestion: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

Note to physician: Treat symptomatically.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Water spray or fog, carbon dioxide (CO₂), Dry Chemical and Foam.

Hazards from Combustion: Possible formation of oxides of carbon, smoke and other unidentified products.

Precautions for Fire fighters: Not combustible. However following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes.

Fire-fighting equipment: If exposed to fumes or products of combustion it's advisable to wear self-contained breathing apparatus.

Hazchem Code: Not Applicable.

6. Accidental Release Measures

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours, wear respirator if required.

Prevent spilled product entering drains.

SMALL SPILLS

Wipe up with absorbent materials (clean rags or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Slippery when wet. Dam and contain spill with absorbent inert material (sawdust, vermiculite, dry sand or earth). Place into suitable sealed containers and follow state or local authority regulations for disposal of the waste.

7. Handling and Storage

Handling advice: Avoid contact with eyes and repeated or prolonged skin contact. Wear eye and skin protection.

Storage advice: Store in cool well-ventilated place, out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

This material is NOT classified as a dangerous goods nor as a scheduled poison.

ADVABOND 14

Material Safety Data Sheet

8. Exposure Controls / Personal Protection

Occupational Exposure Limits:

No value is assigned for this specific material by the National Occupational Health & Safety Commission (NOHSC Australia).

Exposure limits are assigned to the following sub-component:

	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Ammonia vapour	25	17	35	24

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]” the ingredients in this material do not have a Biological Limit allocated.

Engineering Control Measures: Use in well ventilated areas. Local exhaust should be adequate in industrial situations.

Personal Protective Equipment: Standard safety apparel of overalls, safety shoes or boots, safety glasses. If there is a risk of repeated skin exposure, wear impervious gloves (PVC coated should be adequate). Wear goggles and organic vapour respirator if at risk of exposure to vapours, fumes or spray mist.

9. Physical and Chemical Properties

Appearance / Colour / Odour:	Thin white liquid, mild ammonia odour.
pH:	9.0 – 11.0
Vapour Pressure (15°C):	Not Available
Vapour Density (air=1):	Not Available
Boiling Point (°C):	approx 100°C
Freezing point (°C):	approx 0°C
Solubility in water (g/L):	Miscible
Specific Gravity:	0.96 approx
Flash Point (°C):	Not Applicable
Flammability Limits:	Not Applicable
Autoignition temperature (°C):	Not Applicable
Viscosity:	300 – 900 cPs
Percent Volatile:	35 - 45

10. Stability and Reactivity

Chemical stability:	Stable when stored and used as directed.
Conditions to avoid:	Elevated temperature as increased vapour may be formed. Prevent from freezing
Incompatible materials:	Strong oxidising agents. Acids
Hazardous decomposition products:	Ammonia, carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen-containing compounds, and under some circumstances, oxides of nitrogen
Hazardous Reactions:	None known.

ADVABOND 14

Material Safety Data Sheet

11. Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms or effects that may arise if the product is mishandled and overexposure occurs.

Acute Effects:

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Inhalation: May be an irritant to mucous membranes and respiratory tract.

Eye contact: May cause eye irritation.

Skin contact: May be a skin irritant.

Chronic Effects:

No information available for the product.

Toxicological Data:

No LD50 data available for the product.

12. Ecological Information

Avoid contaminating waterways.

Mobility/Persistence/Biodegradability: This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

13. Disposal Considerations

Refer to Waste Management Authority or dispose of material through a licensed waste contractor.

14. Transport Information

NOT classified as a Dangerous Goods by the criteria of:

- Australian Dangerous Goods Code (ADG) for transport by Road and Rail
- IMDG Code for transport by sea
- IATA Dangerous Code for air transport.

15. Regulatory Information

Poisons Schedule: Not Applicable

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

ADVABOND 14

Material Safety Data Sheet

16. Other Information

Contact Point: ADVANCED ADHESIVES PTY LTD

Phone: 61 2 4577 6611 (International) Local 02 45776611

Fax: 61 2 4577 6110 (International) Local 02 45776110

After Hours: Poisons Information Centre : 13 11 26

Reason for Issue: version 2 – update

The information and recommendations set down here in this document are presented in good faith and to the best of Advanced Adhesives' knowledge. Advanced Adhesives Pty Ltd cannot predict or control all conditions of use or handling of this product and each user must review this document in the context of the conditions under which they intend to handle and use this product. It is the responsibility of the user to ensure a proper assessment has been carried out. No representations or warranties, either expressed or implied, or merchantability, fitness for purpose or any other nature are made hereunder with respect to the product to which this information refers.