

GREEN**PRODUCT NAME AR ACCOFLEX****1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Supplier Name ARMACELL AUSTRALIA PTY LTD
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Synonym(s) ACCOFLEX AR
Use(s) THERMAL INSULATION

2. HAZARDS IDENTIFICATION**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA****NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

UN No.	None Allocated	Hazchem Code	None Allocated	Pkg Group	None Allocated
DG Class	None Allocated	Subsidiary Risk(s)	None Allocated	EPG	None Allocated

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	Conc.	CAS No.
2-PROPENENITRILE-1,3-BUTADIENE RUBBER	Not Available	10-30%	9003-18-3
POLYVINYL CHLORIDE (PVC)	(C2-H3-Cl)x	10-30%	9002-86-2
CALCIUM CARBONATE	Ca-C-O3	Not Available	471-34-1

4. FIRST AID MEASURES

Eye Exposure is considered unlikely.
Inhalation Exposure is considered unlikely.
Skin Exposure is considered unlikely.
Ingestion Ingestion is considered unlikely. However, should ingestion occur, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor.
Advice to Doctor Treat symptomatically

5. FIRE FIGHTING MEASURES

Flammability Combustible. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.
Fire and Explosion Combustible. Evacuate area and contact emergency services. Toxic gases (hydrocarbons, carbon oxides) may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

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Extinguishing Dry agent, carbon dioxide, foam or water fog. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

Hazchem Code None

6. ACCIDENTAL RELEASE MEASURES

Spillage Collect and reuse where possible.

7. STORAGE AND HANDLING

Storage Store in cool, dry, well ventilated area, removed from direct sunlight, oxidising agents (eg. peroxides, hypochlorites), acids (eg. sulphuric acid), heat sources and foodstuffs. Large storage areas should have appropriate ventilation.

Handling

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation No special precautions are required unless product is heated and vapours evolved. In poorly ventilated areas, mechanical extraction ventilation is recommended.

Exposure Standards POLYVINYL CHLORIDE (PVC) (9002-86-2)
ES-TWA: 10 mg/m3 (nuisance dust)
CALCIUM CARBONATE (471-34-1)
ES-TWA: 10 mg/m3 (Nuisance dust)

PPE No Personal Protective Equipment is normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	BLACK COLOURED FLEXIBLE SHEET OR TUBE	Solubility (water):	INSOLUBLE
Odour:	SLIGHT ODOUR	Specific Gravity:	NOT AVAILABLE
pH:	NOT AVAILABLE	% Volatiles:	NOT AVAILABLE
Vapour Pressure:	NOT AVAILABLE	Flammability:	NON FLAMMABLE
Vapour Density:	NOT AVAILABLE	Flash Point:	NOT RELEVANT
Boiling Point:	NOT AVAILABLE	Upper Explosion Limit:	NOT RELEVANT
Melting Point:	NOT AVAILABLE	Lower Explosion Limit:	NOT RELEVANT
Evaporation Rate:	NOT AVAILABLE	Autoignition Temperature:	NOT AVAILABLE
Exposure Standard:	NOT AVAILABLE		

10. STABILITY AND REACTIVITY

Reactivity Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulfuric acid), heat and ignition sources.

Decomposition Products May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary Low toxicity - low irritant. No adverse health effects are anticipated with normal use of this product.

Eye Exposure considered unlikely. Due to product form, irritation is not expected unless cut or heated and dust or fumes are generated.

Inhalation Exposure considered unlikely. Due to product form and nature of use, an inhalation hazard is not anticipated.

Skin Non irritating.

Ingestion Exposure considered unlikely. Due to product form, ingestion is considered highly unlikely.

Toxicity Data CALCIUM CARBONATE (471-34-1)
LD50 (Ingestion): 6450 mg/kg (rat)

GREEN**PRODUCT NAME AR ACCOFLEX****12. ECOLOGICAL INFORMATION**

Environment Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Reuse where possible. No special precautions are required for this product.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

Shipping Name None Allocated

UN No.	None Allocated	Hazchem Code	None Allocated	Pkg Group	None Allocated
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DG Class	None Allocated	Subsidiary Risk(s)	None Allocated	EPG	None Allocated
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15. REGULATORY INFORMATION

Poison Schedule A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional Information RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

EXPOSURE STANDARDS - TIME WEIGHTED AVERAGE (TWA) or WES (WORKPLACE EXPOSURE STANDARD) (NZ): Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

ABBREVIATIONS:

mg/m3 - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

M - moles per litre, a unit of concentration.

IARC - International Agency for Research on Cancer.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

COLOUR RATING SYSTEM: RMT has assigned all Chem Alert reports a colour rating of Green, Amber or Red for the sole purpose of providing users with a quick and easy means of determining the hazardous nature of a product. Safe handling recommendations are provided in all Chem Alert reports so as to clearly identify how users can control the hazards and thereby reduce the risk (or likelihood) of adverse effects. As a general

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guideline, a Green colour rating indicates a low hazard, an Amber colour rating indicates a moderate hazard and a Red colour rating indicates a high hazard.

While all due care has been taken by RMT in the preparation of the Colour Rating System, it is intended as a guide only and RMT does not provide any warranty in relation to the accuracy of the Colour Rating System. As far as is lawfully possible, RMT accepts no liability or responsibility whatsoever for the actions or omissions of any person in reliance on the Colour Rating System.

Report Status

This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this MSDS.

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End of Report