

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Euromix™ AAC Adhesive
Product Code	RENAAC
Supplier Name	Euromix Pty Ltd ABN 57 664 946 070
Address	31-33 Water Street, Strathfield South. NSW 2136
Telephone	02 9572 9061
Email	contact@euromix.com.au
Synonym(s)	Euro AAC, Euromix AAC
Use(s)P	An off-white cement based dry mix adhesive which has been specially formulated for bonding lightweight AAC Panels and blocks. When mixed with water it is applied by hand using a notched trowel.

2. HAZARDS IDENTIFICATION

Statement of Hazardous Nature

SUSMP Classification None allocated.

ADG Classification None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) code, IATA or IMDG/IMSBC criteria.

UN Number None allocated.

GHS Signal word **NONE.**

Hazard Statement There appear to be no hazards associated with this product.

Prevention statements

P260 Do not breathe dusts.
P262 Do not get in eyes, on skin or on clothing.
P284 Wear Respiratory protection.

Response statements

P335 Brush off loose particles from skin.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
P370 + 378 In case of fire: Use carbon dioxide, dry chemical, foam, water fog, to extinguish.

Storage statements

P410 Protect from sunlight.
P402 + P404 Store in a dry place. Store in a closed container.
P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal statements

P501 If cannot be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see section 16 of this MSDS).

3. EMERGENCY OVERVIEW

Physical description and colour	White cementitious powder.
Odour	No odour.

4. COMPOSITION/INFORMATION ON INGREDIENTS

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Ingredient	CAS No.	Conc, %	TWA (mg/m³)	STEL (mg/m³)
PORTLAND CEMENT	65997-15-1	20 - 50%	10	Not Set
AMORPHOUS SILICA	7631-86-9	20 - 50%	2	Not Set
OTHER NON HAZARDOUS INGREDIENTS	Not Available	To 100	Not Set	Not Set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

5. FIRST AID MEASURES

General Information	You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 131126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this MSDS with you when you call.
Eye	Quickly and gently brush particles from eyes. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water until the particles are removed, while holding the eyelid(s) open. Seek urgent medical attention if irritation persists, or if particles are lodged in surface of the eye(s). Take special care if exposed person is wearing contact lenses.
Inhalation	First Aid is not generally required. If in doubt, contact Poisons Information Centre or seek medical attention.
Skin	Gently brush away excess particles. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water until the particles are removed.
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 seek medical attention.

6. FIRE FIGHTING

Fire and Explosion	No risk of an explosion from this product under normal circumstances if it is involved in a fire. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.
Extinguishing Media	In case of fire, use carbon dioxide, dry chemical, foam or water fog.
Fire Fighting	When fighting fires involving significant quantities of this product, no special equipment is believed to be necessary.

7. ACCIDENTAL RELEASE MEASURES

Accidental release Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include no specific manufacturer recommendations. Use impermeable gloves with care. Eye/face protective equipment should comprise, as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that dusts are likely to build up in cleanup area, we recommend that you use a suitable dust mask. Use a P1 mask, designed for use against mechanically generated particles e.g. silica & asbestos. Otherwise, not normally necessary.

Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

8. HANDLING AND STORAGE

Storage Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

Handling Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

9. EXPOSURE CONTROLS/PERSONAL PROTECTION

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
Portland cement	10	not set
Amorphous silica	2	not set

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems

Ventilation This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.

Eye protection Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

Skin protection You should avoid contact even with mild skin irritants. Therefore, you should wear suitable impervious elbow-length gloves and facial protection when handling this product for lengthy periods. See below for suitable material types.

PPE There is no data that enables us to recommend any type except that it should be impermeable. If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable dust mask. Use a P1 mask, designed for use against mechanically generated particles e.g. silica & asbestos.



10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Grey Cementitious powder	Viscosity	Not applicable
Odour	Odourless	Specific Gravity	No data
Odour Threshold	No data	Volatility	No data
pH	No data	Volatiles	No data
Vapour Pressure	Negligible at normal ambient temperatures	Flammability Class	Does not burn
Vapour Density	Not applicable	Flash Point	Does not burn
Boiling Point	Not applicable	Upper Flammability Limit	Does not burn
Freezing/Melting Point	Does not melt at temperatures normally achieved in a fire	Lower Flammability Limit	Does not burn
Evaporation Rate	Not applicable	Autoignition Temperature	Not applicable – Does not burn
Coeff Oil/water	No data	Water Solubility	Insoluble
Distribution Particle Characteristics	Powder		

11. STABILITY AND REACTIVITY

Reactivity	This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact Euromix Pty Ltd for advise on shelf like properties.
Conditions to Avoid	None known.
Incompatibilities	Water, strong acids, strong bases. and interhalogens (eg chlorine trifluoride). Water contact may increase product
Fire Decomposition	Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Silicon compounds. Carbon monoxide poisoning produces headaches, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgement and unconsciousness followed by coma and death.
Polymerisation	This product will not undergo polymerisation reactions.

12. TOXICOLOGICAL INFORMATION

Target Organs	There is no data to hand indicating any particular target organs. Ingredients in this product have an established TWA, so exposure by inhalation should be avoided.
Major Health Hazards	No significant risk factors have been found for this product.

13. CLASSIFICATION OF HAZARDOUS INGREDIENTS

Ingredient	Health Hazard Statement Codes
Amorphous Silica	H350i, H372
Carcinogenicity – Category 1A	
Specific target organ toxicity (repeated exposure)–category 1	

14. POTENTIAL HEALTH EFFECTS

Inhalation: Short Term Exposure

Available data indicates that this product is not harmful. However, product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

Long Term Exposure

Long term inhalation of high amounts of any nuisance dust may overload lung clearance mechanism. No data for health effects associated with long term inhalation.

Skin Contact: Short Term Exposure

Available data indicates that this product is not harmful. It should present no hazards in normal use. However, product may be irritating but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure

No data for health effects associated with long term skin exposure.

Eye Contact: Short Term Exposure

This product is likely to be mechanically irritating. If exposure is minor or brief, no long-term effects should result. However, if material is not removed promptly, scratches to surface of the eye may result with long term consequences.

Long Term Exposure

No data for health effects associated with long term eye exposure.

Ingestion: Short Term Exposure

Significant oral exposure is considered to be unlikely. Available data shows that this product is not harmful. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

Long Term Exposure

No data for health effects associated with long term ingestion.

Carcinogen Status SWA

Amorphous Silica is classified by SWA as a Category 1A Carcinogen. See the SWA website for further details. A web address has not been provided as addresses frequently change.

NTP

No significant ingredient is classified as carcinogenic by NTP.

IARC

Amorphous Silica is Class 3 – unclassifiable as to carcinogenicity to humans. See the IARC website for further details. A web address has not been provided as addresses frequently change.

15. ECOLOGICAL INFORMATION

This product is unlikely to adversely affect the environment. Salts, acids and bases are typically diluted and neutralised when released to the environment in small quantities.

16. DISPOSAL CONSIDERATIONS

Disposal

If possible, reuse or recycle product. If possible, recycle product either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

17. TRANSPORT INFORMATION

UN Number

This product is not classified as a dangerous good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

Drivers of trucks transporting bagged product should ensure that the bags are properly restrained.

18. REGULATORY INFORMATION

AICS All of the significant ingredients in this formulation are compliant with the Australian Inventory of Chemical Substances (AICS) regulations.

19. OTHER INFORMATION

Abbreviations:

MSDS Material Safety Data Sheet.
ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).
AICS/AIIC Australian Inventory of Industrial Chemicals.
SWA Safe Work Australia, formerly ASCC and NOHSC.
CAS number Chemical Abstracts Service Registry Number.
Hazchem Code Emergency action code of numbers and letters that provide information to emergency services especially firefighters.
IARC International Agency for Research on Cancer.
NOS Not otherwise specified.
NTP National Toxicology Program (USA).
SUSMP Standard for the Uniform Scheduling of Medicines and Poisons.
UN United Nations Number

Report Status This document has been compiled by Euromix Pty Ltd of the product and serves as the manufacturer's Material Safety Data Sheet.

While the information in this Material Safety Data Sheet has been prepared in good faith, Euromix Pty Ltd does not warrant that the information is accurate, complete, or up to date.

Contact Point For further information on this product contact:

Telephone: 02 9572 9061
Emergency: 13 11 26 (Poison Information Line Australia)
Email: contact@euromix.com.au
Web site: www.euromix.com.au

Advice Note The information in this document is believed to be accurate. Please check the currency of this MSDS by contacting:

02 9572 9061
or
www.euromix.com.au

Each user of any information, or any product referred to, in this Material Safety Data Sheet must:

- determine whether the information or product is suitable for their purpose;
- assess and control any risks associated with the information or product; and
- obtain professional advice in relation to the use of the information or product.

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