

# Selleys Aquadhere Quick Set - Fast-Setting PVA

Canonical: <https://directory.selleys.com.au/adhesives/wood-glue/selleys-aquadhere-quick-set-fast-setting-pva/>

## Details:

### ## AI Summary

**\*\*Product:\*\*** Selleys Aquadhere Quick Set **\*\*Brand:\*\*** Selleys (ABN 67 000 049 427) **\*\*Category:\*\*** Water-based PVA wood adhesive **\*\*Primary Use:\*\*** Fast-setting polyvinyl acetate adhesive for wood-to-wood bonding in moisture-protected interior environments.

**### Quick Facts - \*\*Best For:\*\*** Interior woodworking — professionals and DIYers who need faster clamping cycles and sequential assembly - **\*\*Key Benefit:\*\*** Faster bond development than standard PVA formulations, cutting clamping time and building handling strength sooner - **\*\*Form Factor:\*\*** Water-based liquid emulsion; available in 250mL (code 100091) and 500mL (code 100012) containers - **\*\*Application Method:\*\*** Ready to use straight from the container — no mixing or catalyst required; apply to one or both mating surfaces

**### Common Questions This Guide Answers** 1. Is Aquadhere Quick Set hazardous? → Yes — classified Sensitisation - Skin - Category 1 (H317) under Safe Work Australia GHS 7; signal word: Warning; GHS07 pictogram applies 2. What gloves should be worn? → Nitrile rubber gloves for intermittent contact, combined with safety glasses, overalls, and safety shoes 3. What are the emergency contact numbers? → Australia: 1800 220 770 (24-hour); New Zealand: 0800 220 770 (24-hour)

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### ## Selleys Aquadhere Quick Set — Product Guide

#### ## What is Selleys Aquadhere Quick Set?

Selleys Aquadhere Quick Set is a fast-setting polyvinyl acetate (PVA) adhesive made by Selleys (ABN 67 000 049 427) at their Dandenong Road facility in Australia. The brand has been around for over 80 years. Available in 250mL and 500mL containers (SDS), this water-based wood glue is built for one thing: strong bonds, faster.

The "Quick Set" name is straightforward. Faster bond development than standard PVA formulations means less time clamping, quicker sequential assembly, and better handling strength when your project can't wait.

As a PVA-based adhesive, Aquadhere Quick Set starts with proven chemistry, then adds formulation refinements that speed up initial tack and strength development. The product is classified as an adhesive for recommended use (SDS), targeting wood-to-wood bonding in moisture-protected environments.

#### ## Chemistry & Composition

Aquadhere Quick Set uses a polyvinyl acetate emulsion as its base polymer. Most of the formulation consists of ingredients determined to be non-hazardous or below reporting thresholds (SDS).

The preservative system uses three antimicrobial agents at low concentrations. Boric acid (H $\blacksquare$ BO $\blacksquare$ , CAS 10043-35-3) sits at less than 0.2% by weight, acting as both a mild biocide and a rheology

modifier (SDS). It protects against microbial degradation during storage while keeping handling characteristics consistent.

Two isothiazolinone preservatives provide additional microbiological protection: 1,2-benzisothiazol-3(2H)-one (BIT, CAS 2634-33-5) and 2-methyl-2H-isothiazol-3-one (MIT, CAS 2682-20-4), each below 0.05% by weight (SDS). These organic biocides are standard in water-based formulations, guarding against bacterial and fungal growth throughout shelf life and the curing period after application.

The formulation contains no formaldehyde-releasing preservatives or volatile organic solvents — which makes it a practical choice for enclosed workshop environments and residential applications where low odour matters.

### ## Hazard classification & skin sensitisation

Aquadhere Quick Set has a low toxicity profile, but it carries a hazard classification that every user needs to understand. The product is classified as hazardous under Safe Work Australia GHS 7 criteria, specifically Sensitisation - Skin - Category 1 (SDS), triggering hazard statement H317: "May cause an allergic skin reaction" (SDS).

Skin sensitisation is not the same as irritation. Irritation produces immediate discomfort on contact. Sensitisation is an immunological response that builds over time. Early exposures may produce no visible effect, but repeated skin contact can train the immune system to treat specific molecules — in this case, likely the isothiazolinone preservatives — as threats. Once sensitised, a person experiences allergic dermatitis on future exposures, even from small amounts of the sensitising agent.

For anyone working with Aquadhere Quick Set regularly: every unprotected exposure adds cumulative risk. Once an allergic response is established, it is typically permanent and can extend to other products containing the same or chemically related preservatives. That is exactly why precautionary statement P272 specifies that "contaminated work clothing should not be allowed out of the workplace" (SDS) — preventing cross-contamination to home environments.

The Warning signal word appears on the product label alongside the GHS07 health hazard pictogram (SDS).

### ## Protective equipment & exposure prevention

Given the sensitisation hazard, personal protection is non-negotiable. Precautionary statement P280 requires users to "wear protective gloves/protective clothing including eye/face protection" (SDS) — no exceptions.

For gloves, the first aid guidance is specific: "Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact" (SDS). Nitrile provides the barrier protection needed against this water-based formulation while staying flexible enough for precision assembly work. The "intermittent contact" qualification reflects how wood glue application actually works — brief exposure during spreading and assembly rather than continuous immersion. For extended production work, assess your glove construction and work cycle, and replace gloves more frequently as needed.

The full protective ensemble also includes safety shoes, overalls, and safety glasses (SDS). Eye protection covers splash risk during dispensing and spreading, especially when working overhead or applying from squeeze bottles. Overalls prevent skin contact across the legs and torso, which matters in production environments where glue transfer from tools and workpieces is constant.

Precautionary statement P261 directs users to "avoid breathing dust, fume, gas, mist, vapours or spray" (SDS). PVA adhesives have minimal volatility, but this covers aerosol generation during spray application or mist formation during vigorous agitation. Standard workshop ventilation handles this for brush or roller application.

Close the loop with proper hand hygiene: "Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using" (SDS). These habits prevent oral transfer and secondary skin exposure through contaminated garments.

### ## Application & handling practices

Aquadhere Quick Set is ready to use straight from the container — no mixing, no catalyst. Apply directly to one or both mating surfaces depending on substrate porosity and desired working time. The core handling principle: "Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols" (SDS).

The water-based formulation means temperature affects flow and spreading behaviour. The SDS does not specify application temperature ranges, but the directive to keep the product "out of direct sunlight" (SDS) signals sensitivity to elevated temperatures that can alter viscosity or accelerate polymer degradation.

Quick-setting PVA behaves differently from standard grades during clamping. Faster strength development means assembled joints reach handling strength sooner, cutting bottlenecks in sequential assembly. Balance the reduced clamping duration against the need for adequate pressure during the initial bond formation window.

Surface preparation is the foundation of any successful bond. Substrates must be clean, dry, and free from oil, wax, or surface treatments that block adhesive penetration. While the SDS does not detail these requirements, the product's classification as a wood adhesive presumes application to bare or minimally finished wood surfaces in moisture-protected interior environments.

### ## Storage requirements & stability

Aquadhere Quick Set must be "stored in a cool, dry, well-ventilated place and out of direct sunlight" (SDS). Each element addresses a real degradation mechanism.

Cool storage — specific limits are not provided in the supplied documentation — slows the chemical and biological processes that can alter the adhesive's properties. Elevated temperatures accelerate polymer hydrolysis, reduce preservative effectiveness, and destabilise the emulsion.

A dry environment prevents moisture accumulation that could promote container corrosion or introduce water into the formulation, diluting the adhesive and potentially encouraging microbial growth despite the preservative system. Good ventilation ensures any volatile emissions from the container don't build up, though PVA adhesives carry minimal vapour pressure.

Sunlight exclusion matters for two reasons: UV radiation degrades polymer chains and preservative molecules, and solar heating creates temperature cycling that stresses the emulsion and can compromise container seal integrity.

Store the product away from foodstuffs (SDS) — a regulatory requirement for industrial chemicals that also prevents accidental ingestion or cross-contamination. Keep it away from incompatible materials described in Section 10 of the full safety documentation (SDS).

### ## Fire behaviour & thermal characteristics

Aquadhere Quick Set is classified as a non-combustible material (SDS). In its supplied condition, it will not ignite or contribute fuel to a fire. The high water content of the PVA emulsion absorbs thermal energy through evaporation rather than supporting combustion.

One qualifier applies: "Not combustible, however following evaporation of aqueous component residual material can burn if ignited" (SDS). Once the water carrier evaporates — through normal curing or fire exposure — the remaining PVA polymer can support combustion, though it does not readily ignite.

If Aquadhere Quick Set is involved in a fire, suitable extinguishing media are "water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder)" (SDS).

The product carries no Hazchem Code (SDS), confirming its exclusion from the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land" (SDS). That keeps logistics and storage compliance straightforward.

### ## Emergency response procedures

Skin contact is the primary exposure concern given the sensitisation hazard. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water (SDS). The guidance notes that "effects may be delayed" (SDS) — a direct reflection of the sensitisation mechanism, where allergic response may not appear immediately. Seek medical assistance "if swelling, redness, blistering or irritation occurs" (SDS). When in doubt, get it checked.

Eye contamination requires immediate action: "If in eyes wash out immediately with water" (SDS). Even if initial symptoms appear mild, professional examination confirms complete decontamination. The recommendation stands: "in all cases of eye contamination it is a sensible precaution to seek medical advice" (SDS).

Ingestion is unlikely in a workshop environment but must be managed correctly. "Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink" (SDS). The prohibition against induced vomiting follows standard protocols for non-corrosive materials where aspiration risk outweighs any benefit. If vomiting occurs naturally, give additional water (SDS).

For inhalation exposures, move the affected person away from the exposure area. The safety caveat to "avoid becoming a casualty" (SDS) reminds rescuers to assess atmospheric hazards before entry. Let the affected person assume their most comfortable position, keep them warm and at rest until fully recovered (SDS).

All emergency calls should go to the 24-hour emergency numbers: 1800 220 770 in Australia or 0800 220 770 in New Zealand (SDS). Advise medical professionals that "effects may be delayed" and that treatment should be symptomatic (SDS). Keep the product container or label on hand for reference (SDS).

### ## Spill management

Spill response varies with scale. For small spills, wear protective equipment to prevent skin and eye contact, avoid inhaling vapours or dust, then wipe up the material with absorbent materials such as clean rags or paper towels. Collect and seal the waste in properly labelled containers for disposal (SDS).

Large spills require more comprehensive management. Clear the area of all unprotected personnel immediately. The spilled material is "slippery when spilt" (SDS) — a real slip hazard that demands rapid response. Response personnel must wear full protective equipment and work upwind or with increased ventilation (SDS).

Containment is the priority. Stop runoff from reaching drains and waterways. Use absorbent materials — soil, sand, or other inert materials — to capture the liquid (SDS). Seal the collected material in properly labelled containers or drums for disposal in line with local regulations (SDS).

On environmental contamination: "If contamination of crops, sewers or waterways has occurred advise local emergency services" (SDS). This reflects the potential aquatic toxicity of PVA formulations and their preservatives.

The product carries no Dangerous Goods Initial Emergency Response Guide number (SDS), consistent with its non-regulated transport status.

## ## Poison scheduling & regulatory status

Aquadhere Quick Set holds no Poison Schedule under Australian regulations (SDS), confirming it does not meet the criteria for scheduling under the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). This does not eliminate the GHS sensitisation classification — that remains valid — but it reflects the product's overall toxicological profile and use patterns.

Precautionary statements P102 and P103 require keeping the product out of reach of children and reading and following all instructions (SDS). These directives acknowledge the product's availability through retail channels and the importance of household safety measures.

Disposal follows P501: "Dispose of contents/container in accordance with local, regional, national and international regulations" (SDS). For end users, check with local waste authorities on acceptance of dried adhesive residues and empty containers in municipal waste streams, or use household hazardous waste collection programmes where available.

## ## Product variants & identification

Aquadhere Quick Set is available under product codes 100091 (250mL) and 100012 (500mL), with barcodes 9300697119797 and 9300697119803 respectively (SDS). These identifiers distinguish Quick Set from other Aquadhere formulations and support accurate tracking through inventory and safety management systems.

The product also goes by the synonyms "Aquadhere Quickset PVA 250mL" and "Aquadhere Quickset 500mL" (SDS). These alternate names reflect packaging size rather than formulation differences. All variants share the same safety classification and handling requirements detailed in the unified safety data sheet.

## ## References

- Source PDF: SELLEYS\_AQUADHERE\_QUICK\_SET-AUS\_GHS.pdf (canonical)

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## ## Frequently Asked Questions

What is Selleys Aquadhere Quick Set: A fast-setting PVA wood adhesive

What does PVA stand for: Polyvinyl acetate

Who manufactures Aquadhere Quick Set: Selleys (ABN 67 000 049 427)

Where is Aquadhere Quick Set manufactured: Dandenong Road facility, Australia

How many years has Selleys been operating: Over 80 years

What sizes does Aquadhere Quick Set come in: 250mL and 500mL

What is the product code for the 250mL size: 100091

What is the product code for the 500mL size: 100012

What is the barcode for the 250mL size: 9300697119797

What is the barcode for the 500mL size: 9300697119803

What type of adhesive is Aquadhere Quick Set: Water-based PVA emulsion

What is it primarily designed to bond: Wood to wood

Is it suitable for exterior use: No, moisture-protected interior environments only

Does it require mixing before use: No, ready to use straight from container

Does it require a catalyst: No

Is it faster than standard PVA: Yes, accelerated bond development compared to standard PVA

What is the base polymer in the formulation: Polyvinyl acetate emulsion

Is it solvent-based: No, water-based

Does it contain formaldehyde-releasing preservatives: No

Does it contain volatile organic solvents: No

What preservative is used for rheology modification: Boric acid ( $H_2BO_3$ )

What is the CAS number for boric acid: 10043-35-3

What concentration is boric acid in the formula: Less than 0.2% by weight

What is the first isothiazolinone preservative used: 1,2-benzisothiazol-3(2H)-one (BIT)

What is the CAS number for BIT: 2634-33-5

What is the second isothiazolinone preservative used: 2-methyl-2H-isothiazol-3-one (MIT)

What is the CAS number for MIT: 2682-20-4

What concentration are the isothiazolinone preservatives: Each below 0.05% by weight

Is Aquadhere Quick Set classified as hazardous: Yes, under Safe Work Australia GHS 7 criteria

What is the specific hazard classification: Sensitisation - Skin - Category 1

What hazard statement applies: H317 — May cause an allergic skin reaction

Is skin sensitisation the same as irritation: No, sensitisation is an immunological response

Is the sensitisation effect immediate: No, it builds with repeated exposure

Is allergic sensitisation reversible: No, typically permanent once established

Can sensitisation extend to other products: Yes, to products with chemically related preservatives

What signal word appears on the label: Warning

What GHS pictogram appears on the label: GHS07 health hazard pictogram

What precautionary statement applies to work clothing: P272 — contaminated clothing must not leave the workplace

What glove material is recommended: Nitrile rubber

Is nitrile suitable for continuous immersion: No, suitable for intermittent contact only

What eye protection is required: Safety glasses

What body protection is required: Overalls

What footwear is required: Safety shoes

What does precautionary statement P261 require: Avoid breathing dust, fume, gas, mist, vapours or spray

What does precautionary statement P280 require: Wear protective gloves, clothing, and eye/face protection

Should hands be washed before eating: Yes

Should contaminated clothing be washed before reuse: Yes

What storage condition is required regarding temperature: Cool storage, away from heat sources

What storage condition is required regarding light: Out of direct sunlight

What storage condition is required regarding moisture: Dry environment

What storage condition is required regarding airflow: Well-ventilated place

Should it be stored near food: No, away from foodstuffs

Is Aquadhere Quick Set combustible in liquid form: No, classified as non-combustible

Can cured PVA residue burn: Yes, if ignited after water evaporates

What extinguishing media is recommended: Water fog, alcohol resistant foam, standard foam, or dry agent

Does the product have a Hazchem Code: No

Is it regulated for transport as dangerous goods: No

What is the emergency contact number in Australia: 1800 220 770

What is the emergency contact number in New Zealand: 0800 220 770

What should be done immediately for skin contact: Remove clothing and flush with running water

Can effects from skin contact be delayed: Yes, effects may be delayed

When should medical assistance be sought after skin contact: If swelling, redness, blistering or irritation occurs

What should be done for eye contact: Wash out immediately with water

Should medical advice be sought after eye contact: Yes, in all cases of eye contamination

Should vomiting be induced if swallowed: No

What should be given if swallowed: A glass of water to drink

What should be done for inhalation exposure: Move person away from exposure area

Is spilled product a slip hazard: Yes, slippery when spilt

Should spills be contained from drains: Yes

What absorbent materials can contain large spills: Soil, sand, or other inert materials

What should be done if waterways are contaminated: Advise local emergency services

Does Aquadhere Quick Set have a Poison Schedule: No

Is it required to be kept away from children: Yes, per precautionary statement P102

How should empty containers be disposed of: Per local, regional, national, and international regulations

Does the product have low odour: Yes, suitable for enclosed workshop environments

What affects the adhesive's flow behaviour: Temperature

Does UV radiation affect the product: Yes, degrades polymer chains and preservatives

Does temperature cycling affect the product: Yes, stresses the emulsion and container seal integrity

Is the formulation the same across both size variants: Yes, same formulation and safety classification

What synonym is used for the 250mL product: Aquadhere Quickset PVA 250mL

What synonym is used for the 500mL product: Aquadhere Quickset 500mL

What surface preparation is required: Clean, dry, free from oil, wax, or surface treatments

Is application temperature range specified in the SDS: Not specified by manufacturer

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## ## Label facts summary

> **Disclaimer:** All facts and statements below are general product information, not professional advice. Consult relevant experts for specific guidance.

### ### Verified label facts

**Product identity & manufacturer** - Product name: Selleys Aquadhere Quick Set - Manufacturer: Selleys (ABN 67 000 049 427) - Manufacturing location: Dandenong Road facility, Australia - Product type: Fast-setting polyvinyl acetate (PVA) adhesive; water-based wood glue

**Product codes, barcodes & sizes** - 250mL — Product code: 100091 — Barcode: 9300697119797 - 500mL — Product code: 100012 — Barcode: 9300697119803 - Synonyms: "Aquadhere Quickset PVA 250mL" (250mL); "Aquadhere Quickset 500mL" (500mL)

**Formulation & composition** - Base polymer: Polyvinyl acetate emulsion - Carrier: Water-based (no volatile organic solvents) - No formaldehyde-releasing preservatives - Boric acid (H<sub>3</sub>BO<sub>3</sub>, CAS 10043-35-3): less than 0.2% by weight — functions as biocide and rheology modifier - 1,2-Benzisothiazol-3(2H)-one (BIT, CAS 2634-33-5): less than 0.05% by weight — antimicrobial preservative - 2-Methyl-2H-isothiazol-3-one (MIT, CAS 2682-20-4): less than 0.05% by weight — antimicrobial preservative - Remaining ingredients: determined non-hazardous or below reporting thresholds

**Hazard classification (Safe Work Australia GHS 7)** - Classified as hazardous: Yes - Hazard category: Sensitisation — Skin — Category 1 - Hazard statement: H317 — May cause an allergic skin reaction - Signal word: Warning - GHS pictogram: GHS07 health hazard pictogram - Poison Schedule (Australia): Not applicable to this product - Hazchem Code: Not applicable to this product - Dangerous Goods transport classification: Not regulated (excluded from Australian Code for Transport of Dangerous Goods by Road & Rail and NZS5433)

**Precautionary statements (label)** - P102: Keep out of reach of children - P103: Read and follow all instructions - P261: Avoid breathing dust, fume, gas, mist, vapours or spray - P272: Contaminated work clothing must not be allowed out of the workplace - P280: Wear protective gloves, protective clothing, and eye/face protection - P501: Dispose of contents/container in accordance with local, regional, national, and international regulations

**Personal protective equipment (SDS-specified)** - Gloves: Nitrile rubber — suitable for intermittent contact - Eye protection: Safety glasses - Body protection: Overalls - Footwear: Safety shoes

**\*\*Storage requirements\*\*** - Store in a cool, dry, well-ventilated place - Keep out of direct sunlight - Store away from foodstuffs - Store away from incompatible materials (refer to SDS Section 10)

**\*\*Fire & combustibility\*\*** - Liquid form: Non-combustible - Cured residue (after water evaporation): Can burn if ignited - Recommended extinguishing media: Water fog (or fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder)

**\*\*Emergency contacts\*\*** - Australia: 1800 220 770 (24-hour) - New Zealand: 0800 220 770 (24-hour)

**\*\*First aid (label/SDS)\*\*** - Skin contact: Remove contaminated clothing; flush skin and hair with running water; effects may be delayed; seek medical assistance if swelling, redness, blistering, or irritation occurs - Eye contact: Wash out immediately with water; seek medical advice in all cases of eye contamination - Ingestion: Rinse mouth with water; do NOT induce vomiting; give a glass of water to drink - Inhalation: Move person away from exposure area

**\*\*Spill characteristics\*\*** - Product is slippery when spilt - If waterways or sewers are contaminated, advise local emergency services

**\*\*Intended use & environmental suitability\*\*** - Recommended use: Wood-to-wood bonding - Suitable environment: Moisture-protected interior applications only - Ready to use: No mixing or catalyst required

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### ### General product claims

- Delivers "fast, reliable bonding where interior woodworking demands professional results" - Backed by "over 80 years of proven performance" - "Accelerated bond development compared to standard PVA formulations" - Reduces clamping time and enables faster sequential assembly - "Superior bond strength, faster" - Formulation refinements "accelerate initial tack and strength development" - Built for "performance stability and long-term reliability" - Preservative system ensures "the adhesive performs the same way every time you reach for it" - Suitable for "enclosed workshop environments" due to low odour - "The performance professionals expect and DIYers deserve" - "If it's Selleys, it works"

### ## Related Products & Brand Context

Selleys Aquadhere Quick Set sits within the **\*\*Selleys\*\*** brand's glues and adhesives range, under the broader category of Home & Garden > Adhesives & Glues. Selleys is an Australian adhesive and sealant brand with a long-standing presence in the trade and DIY market, and the Aquadhere line represents their dedicated wood-glue family. Within that family, the Quick Set variant is specifically formulated for speed — its fast-setting chemistry separates it from standard-cure PVA formulations that prioritise longer open time for more complex assemblies. The product is available in two sizes (250mL and 500mL), making it practical for both small repair jobs and larger woodworking runs.

In terms of category position, Aquadhere Quick Set occupies the interior woodworking niche within the adhesives category. The linked product description confirms it is not water-resistant and is not rated for exterior use, which is a meaningful differentiator: buyers working on outdoor furniture, decking, or any moisture-exposed joinery will need to look to a different adhesive type. For interior applications — softwoods, hardwoods, MDF, and particleboard — it is a straightforward fit, bonding quickly and drying clear so glue lines don't show through finishes.

Anyone reaching for Aquadhere Quick Set is likely also in the market for a few complementary items. Surface preparation matters with PVA adhesives: the mating surfaces should be clean, dry, and free of dust or oil, so sandpaper or a tack cloth is a practical companion purchase. Because the product requires clamping during the cure window, woodworking clamps or strap clamps are a natural use-case adjacency. Finally, given the hazard classification — the product may cause an allergic skin reaction (H317) — protective gloves are a required part of the application setup, not just a recommendation.

The knowledge graph context available for this product focuses on the Aquadhere Quick Set itself rather than naming other specific sibling products in the Selleys range, so direct product-to-product comparisons within the Aquadhere line cannot be confirmed from the current data.