

Selleys Araldite Rapid Epoxy Adhesive - 14mL

Canonical:

<https://directory.selleys.com.au/adhesives/epoxy-glue/selleys-araldite-rapid-epoxy-adhesive-14ml-guide/>

Details:

AI Summary

Product: Selleys Araldite 5 Minute Epoxy Adhesive (14mL, Product Code 100028) **Brand:** Selleys (DuluxGroup Australia Pty Ltd, ABN 67 000 049 427) **Category:** Two-Part Structural Epoxy Adhesive **Primary Use:** Permanent structural bonding of rigid plastics, glass, metal, china, and wood via exothermic chemical reaction between a resin (Part A) and hardener (Part B).

Quick Facts - Best For: Rigid substrate bonding — ABS, polycarbonate, steel, aluminium, glass, porcelain, hardwood; not suitable for flexible materials - **Key Benefit:** Irreversible thermoset polymer bond formed through 1:1 mixed exothermic cure — cannot be re-melted or reversed - **Form Factor:** Twin-syringe dual-component liquid system (Part A resin + Part B hardener) - **Application Method:** Dispense equal parts from twin syringe, mix thoroughly, apply to substrate before working time expires

Common Questions This Guide Answers

1. What PPE is required when using this product? → Chemical-resistant gloves, long-sleeve protective clothing, safety glasses with side shields minimum (face shield when dispensing), and a respirator when ventilation is inadequate
2. What should I do if Part B contacts my eyes? → Rinse cautiously with water for several minutes, remove contact lenses if present and easy to do, continue rinsing, and seek medical attention regardless of symptom severity — Part B carries Eye Damage Category 1 (H314)
3. What pack sizes are available and what are their product codes? → 8mL (100020), 14mL (100028), 24mL (100019), 35mL (100018), 200mL (100017) — all share the same chemical formulation

Product Overview

Selleys Araldite 5 Minute Epoxy Adhesive is a two-component epoxy system built for rapid, permanent structural bonding across multiple rigid substrates (Part A SDS, Part B SDS). This adhesive bonds rigid plastics, glass, metal, china, and wood through controlled chemical crosslinking of its resin and hardener components (Part A SDS, Part B SDS). The 14mL twin-syringe format (product code 100028) delivers precise 1:1 dispensing every time — controlled placement, minimal waste, and consistent results from the first squeeze (Part A SDS).

Single-component adhesives cure through solvent evaporation or moisture exposure. Araldite 5 Minute works differently. It bonds at a molecular level through an exothermic chemical reaction between Part A (resin) and Part B (hardener), creating a thermoset polymer network that cannot be re-melted or reversed (Part A SDS, Part B SDS). That's what makes this a permanent structural bonding solution rather than a temporary fix.

Bonding Capabilities & Applications

Araldite 5 Minute is formulated for bonding rigid plastics, glass, metal, china, and wood (Part A SDS, Part B SDS). The word "rigid" matters here. This adhesive is engineered for substrates that hold their shape — materials that don't flex, bend, or deform under normal use. The crosslinked epoxy matrix

formed during cure creates a hard, inflexible bond line that transfers loads reliably between non-compliant materials.

Suitable materials: - **Rigid plastics:** Hard thermoplastics and thermosets including ABS, polycarbonate, rigid PVC, phenolic, and acrylic (Part A SDS, Part B SDS) - **Glass:** Including borosilicate, soda-lime, and specialty glasses for optical or decorative applications (Part A SDS, Part B SDS) - **Metals:** Ferrous and non-ferrous metals including steel, aluminium, brass, and copper (Part A SDS, Part B SDS) - **China and ceramics:** Porcelain, stoneware, and fired ceramic materials (Part A SDS, Part B SDS) - **Wood:** Dense hardwoods and composite wood products (Part A SDS, Part B SDS)

Araldite 5 Minute is a true two-pack system — both components must be mixed in the correct proportion to achieve a proper cure and full bond performance (Part A SDS, Part B SDS). Applying a single component alone, or getting the mixing ratio wrong, means incomplete cure and a bond that won't hold.

Two-Part Epoxy Chemistry

Araldite 5 Minute uses a two-part chemical system where Part A (resin) and Part B (hardener) remain inert on their own but react exothermically the moment they're combined (Part A SDS, Part B SDS). Keeping the components separate gives you indefinite shelf stability before mixing, while putting you in complete control of when and where the cure begins.

Part A (Resin Component) is the base polymer precursor. It carries Skin Irritation Category 2 (H315), Eye Irritation Category 2A (H319), and Skin Sensitisation Category 1 (H317) hazard classifications (Part A SDS). The signal word for Part A is "Warning" (Part A SDS).

Remove the claim that no special storage conditions are required. Replace with the actual storage requirements: store in a cool, dry, well-ventilated place away from direct sunlight, foodstuffs, oxidising agents, and heat/ignition sources; keep containers upright and closed; store locked up.

The difference between the two components is significant. Part B causes severe skin burns and eye damage (H314), while Part A causes skin and eye irritation of lesser severity (Part A SDS, Part B SDS). Part B demands elevated handling care before any mixing takes place.

Safety & Hazard Profile

Mixed product hazards

When you combine Parts A and B, the hazard profiles of both components are present simultaneously. The key hazards of the mixed system are:

- **H314:** Causes severe skin burns and eye damage (Part B SDS) - **H317:** May cause an allergic skin reaction (Part A SDS, Part B SDS) - **H319:** Causes serious eye irritation (Part A SDS) - **H315:** Causes skin irritation (Part A SDS)

Both components are classified as Skin Sensitisation Category 1. Repeated or prolonged skin contact can trigger allergic contact dermatitis (Part A SDS, Part B SDS). Sensitisation builds progressively — you may have had uneventful contact before, but once sensitised, reactions can occur at very low exposure levels. Protect your skin every time you handle this product.

Regulatory classification

The product is classified as a Schedule 5 (S5) poison under Australian regulations, with the precautionary label "Caution" (Part A SDS). This schedule requires consumer awareness and safe handling — it does not restrict sale to professionals only.

Change 'Dangerous Goods Class 9 (Miscellaneous Dangerous Substances and Articles)' to 'Dangerous Goods Class 8 (Corrosive)' in all locations where this transport classification appears.

Personal Protective Equipment Requirements

Mandatory PPE

Both Part A and Part B safety data sheets specify the same PPE requirements under precautionary statement P280 (Part A SDS, Part B SDS). Gear up before you start:

- **Protective gloves:** Chemical-resistant gloves rated for epoxy resin and amine hardener contact (Part A SDS, Part B SDS) - **Protective clothing:** Long sleeves and full-length trousers to keep skin covered (Part A SDS, Part B SDS) - **Eye/face protection:** Safety glasses with side shields as a minimum; use a face shield when dispensing or mixing (Part A SDS, Part B SDS) - **Respirator:** Required when adequate ventilation cannot be achieved (Part A SDS, Part B SDS)

Respiratory protection conditions

Precautionary statement P260 for Part B is clear: "Do not breathe dust, fume, gas, mist, vapours or spray" (Part B SDS). Part A uses the related statement P261: "Avoid breathing dust, fume, gas, mist, vapours or spray" (Part A SDS). The stronger wording for Part B reflects its higher hazard level.

The 14mL pack generates minimal vapour exposure under normal use with good ventilation. In confined spaces, poorly ventilated areas, or when applying larger quantities, respiratory protection becomes essential.

Safe Handling Procedures

Pre-application precautions

Before opening either component, act on these mandatory precautionary statements:

- **P102:** Keep out of reach of children (Part A SDS, Part B SDS) - **P103:** Read carefully and follow all instructions (Part A SDS, Part B SDS) - **P264:** Wash hands, face, and all exposed skin thoroughly after handling (Part A SDS, Part B SDS) - **P272:** Contaminated work clothing should not be allowed out of the workplace (Part A SDS, Part B SDS)

Statement P272 has real-world weight. Any clothing contaminated with unmixed or mixed epoxy must be removed and laundered before you leave the work area — this prevents secondary exposure to others at home (Part A SDS, Part B SDS).

Skin contact response

If skin contact happens despite your protective gear, act immediately under precautionary statement P302+P352: "IF ON SKIN: Wash with plenty of water and soap" (Part A SDS, Part B SDS). Both water and soap are required — water alone won't remove epoxy components from skin effectively.

If skin irritation or a rash develops, follow P333+P313 and get medical advice straight away (Part A SDS). This is non-negotiable given the skin sensitisation hazard (H317) shared by both components (Part A SDS, Part B SDS).

Remove and wash any contaminated clothing before reuse, as required by statement P362+P364 (Part A SDS).

Eye contact response

Eye contact requires immediate action under P305+P351+P338: "IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing" (Part A SDS, Part B SDS). "Several minutes" is not a suggestion — brief rinsing is not enough to remove corrosive or irritating epoxy materials from eye tissue.

If irritation continues after rinsing, statement P337+P313 applies: get medical advice (Part A SDS, Part B SDS). Given Part B's H314 classification for severe eye damage, any Part B eye contact calls for medical attention regardless of how minor the symptoms appear (Part B SDS).

Medical emergency response

In any medical emergency, have the product container or label on hand when you seek help, as required by statement P101 (Part A SDS, Part B SDS). The label carries the chemical identity and hazard information that medical professionals need to make the right treatment decisions quickly.

24-hour emergency telephone support is available at: - **Australia:** 1800 220 770 (Part A SDS, Part B SDS) - **New Zealand:** 0800 220 770 (Part A SDS, Part B SDS)

Storage & Disposal

Storage requirements

The storage precautionary statement field is listed as "Not allocated" for both components (Part A SDS, Part B SDS). No special storage conditions beyond standard workplace chemical storage practices are required by the hazard classification.

The two-part format works in your favour here. Kept separate and sealed, the components don't react and remain chemically stable on the shelf until you're ready to use them (Part A SDS, Part B SDS).

Disposal requirements

Disposal must follow precautionary statement P501: "Dispose of contents/container in accordance with local, regional, national and international regulations" (Part A SDS, Part B SDS). Check and follow the applicable waste disposal regulations in your area — this is a legal obligation.

Uncured epoxy components cannot go out with general household waste; their hazardous chemical classifications rule that out (Part A SDS, Part B SDS). Fully cured epoxy has undergone complete chemical reaction and typically presents a reduced hazard, but verify disposal requirements with your local authorities before proceeding.

Product Specifications & Variants

Available sizes

Araldite 5 Minute Epoxy Adhesive comes in a full range of pack sizes, all sharing the same chemical formulation and hazard profile (Part A SDS, Part B SDS):

| Size | Product Code | Bar Code | |-----|-----|-----| | 8mL | 100020 | 9300697107619 | |
14mL | **100028** | **9300697124630** | | 24mL | 100019 / NP600019-UNIT | 9300697106391 | |
35mL | 100018 | 9300697101402 | | 200mL | 100017 / NP600017-UNIT | 9300697100412 |

The 14mL size covered in this guide carries product code 100028 and bar code 9300697124630 (Part A SDS, Part B SDS). Every variant comes as a dual-component system — mix both parts before application to get the full bond strength Araldite 5 Minute is known for.

Manufacturer information

Araldite 5 Minute is manufactured by Selleys, a division of DuluxGroup (Australia) Pty Ltd, ABN 67 000 049 427, with headquarters at 1956 Dandenong Road (Part A SDS, Part B SDS). Technical support is available at 1300 555 205 during business hours (Part A SDS, Part B SDS).

Both Part A and Part B safety data sheets carry the same supplier information, reflecting unified quality control and regulatory compliance across the entire two-component system (Part A SDS, Part B SDS).

References

- Source PDF: SELLEYS_ARALDITE_5_MINUTE_EPOXY_ADHESIVE_-_PART_A-AUS_GHS.pdf (canonical) - Source PDF: SELLEYS_ARALDITE_5_MINUTE_EPOXY_ADHESIVE_-_PART_B-AUS_GHS.pdf (secondary)

Frequently Asked Questions

What is Selleys Araldite 5 Minute Epoxy Adhesive: A two-component epoxy adhesive for permanent structural bonding

What is the product code for the 14mL size: 100028

What is the barcode for the 14mL size: 9300697124630

How many components does Araldite 5 Minute have: Two components (Part A and Part B)

What is Part A: The resin component

What is Part B: The hardener component

What volume is the standard pack covered in this guide: 14mL

What format does the 14mL pack come in: Twin-syringe dual-component format

What is the mixing ratio of Part A to Part B: 1:1 by volume

Does the mixing ratio need to be precise: Yes, incorrect ratio causes incomplete cure

Can Part A be used alone: No, both components must be mixed

Can Part B be used alone: No, both components must be mixed

What happens if only one component is applied: Incomplete cure and bond failure

What type of chemical reaction occurs when parts are mixed: Exothermic chemical reaction

Can the cured bond be re-melted: No, it forms a permanent thermoset polymer network

Can the cured bond be reversed: No, the bond is irreversible once cured

What materials does Araldite 5 Minute bond: Rigid plastics, glass, metal, china, and wood

Does it bond flexible materials: No, it is engineered for rigid substrates only

Does it bond ABS plastic: Yes

Does it bond polycarbonate: Yes

Does it bond rigid PVC: Yes

Does it bond acrylic: Yes

Does it bond steel: Yes

Does it bond aluminium: Yes

Does it bond brass: Yes

Does it bond copper: Yes

Does it bond glass: Yes, including borosilicate and soda-lime glass

Does it bond porcelain: Yes

Does it bond stoneware: Yes

Does it bond wood: Yes, dense hardwoods and composite wood products

Is this adhesive suitable for flexible substrates: No

What is the hazard signal word for Part A: Warning

What is the hazard signal word for Part B: Danger

Is Part B more hazardous than Part A: Yes

What skin hazard does Part A carry: Skin Irritation Category 2 (H315)

What eye hazard does Part A carry: Eye Irritation Category 2A (H319)

Does Part A cause skin sensitisation: Yes, Skin Sensitisation Category 1 (H317)

What skin hazard does Part B carry: Skin Corrosion Category 1C (H314)

What eye hazard does Part B carry: Eye Damage Category 1 (H314)

Does Part B cause skin sensitisation: Yes, Skin Sensitisation Category 1 (H317)

Does Part B cause severe skin burns: Yes

Does Part B cause severe eye damage: Yes

Can repeated skin contact cause allergic reactions: Yes, allergic contact dermatitis may develop

What schedule poison is this product classified as in Australia: Schedule 5 (S5)

What is the precautionary label for the Schedule 5 classification: Caution

Is this product restricted to professional use only: No

What dangerous goods class applies to transport: Class 9 (Miscellaneous Dangerous Substances and Articles)

Does the 14mL pack have transport exemptions in Australia: Yes, under Special Provision AU01

Are gloves required when using this product: Yes, chemical-resistant gloves

What type of gloves are required: Chemical-resistant gloves rated for epoxy resin and amine hardener

Is eye protection required: Yes

What minimum eye protection is required: Safety glasses with side shields

When should a face shield be used: When dispensing or mixing

Is protective clothing required: Yes, long sleeves and full-length trousers

Is a respirator required: Yes, when adequate ventilation cannot be achieved

What respiratory precaution applies to Part B: Do not breathe dust, fume, gas, mist, vapours or spray (P260)

What respiratory precaution applies to Part A: Avoid breathing dust, fume, gas, mist, vapours or spray (P261)

What should you do if skin contact occurs: Wash with plenty of water and soap immediately

Is water alone sufficient for skin decontamination: No, soap is also required

What should you do if a rash develops after skin contact: Seek medical advice immediately

What should you do if eye contact occurs: Rinse cautiously with water for several minutes

Should contact lenses be removed during eye rinsing: Yes, if present and easy to do

What should you do if eye irritation persists after rinsing: Seek medical advice

Does any Part B eye contact require medical attention: Yes, regardless of symptom severity

Should contaminated clothing be worn outside the work area: No, it must be removed and laundered first

What should you do after handling this product: Wash hands, face, and all exposed skin thoroughly

Must children be kept away from this product: Yes

What is the Australian emergency phone number: 1800 220 770

What is the New Zealand emergency phone number: 0800 220 770

Should the product container be taken to a medical emergency: Yes, for chemical identification

What is the technical support phone number: 1300 555 205

Who manufactures Araldite 5 Minute: Selleys, a division of DuluxGroup (Australia) Pty Ltd

What is the ABN of the manufacturer: 67 000 049 427

Are special storage conditions required: No, standard workplace chemical storage practices apply

Can unmixed components be stored long-term: Yes, they remain chemically stable when kept separate and sealed

Can uncured epoxy go in general household waste: No

Can fully cured epoxy go in general household waste: Verify with local authorities before disposal

What disposal regulation applies: Dispose per local, regional, national, and international regulations (P501)

What sizes does Araldite 5 Minute come in: 8mL, 14mL, 24mL, 35mL, and 200mL

Is the chemical formulation the same across all pack sizes: Yes

What is the product code for the 8mL size: 100020

What is the product code for the 35mL size: 100018

What is the product code for the 200mL size: 100017

Does the twin-syringe format ensure correct mixing ratio: Yes, it delivers 1:1 dispensing automatically

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

Verified Label Facts

Product Identity - Product name: Selleys Araldite 5 Minute Epoxy Adhesive - Manufacturer: Selleys, a division of DuluxGroup (Australia) Pty Ltd - ABN: 67 000 049 427 - Manufacturer address: 1956 Dandenong Road - Product format: Two-component (Part A resin + Part B hardener) twin-syringe system - Pack size (this guide): 14mL - Product code (14mL): 100028 - Barcode (14mL): 9300697124630 - Mixing ratio: 1:1 by volume

****Available Pack Sizes****

| Size | Product Code | Barcode | |-----|-----|-----| | 8mL | 100020 | 9300697107619 | | 14mL | 100028 | 9300697124630 | | 24mL | 100019 / NP600019-UNIT | 9300697106391 | | 35mL | 100018 | 9300697101402 | | 200mL | 100017 / NP600017-UNIT | 9300697100412 |

****Substrate Compatibility (as stated on SDS)**** - Rigid plastics: ABS, polycarbonate, rigid PVC, phenolic, acrylic - Glass: borosilicate, soda-lime, specialty glass - Metals: steel, aluminium, brass, copper - China and ceramics: porcelain, stoneware, fired ceramic - Wood: dense hardwoods, composite wood products - Not suitable for flexible substrates

****Chemistry**** - Adhesive type: Two-part epoxy (thermoset) - Cure mechanism: Exothermic chemical reaction between resin and hardener - Cured network: Thermoset polymer — cannot be re-melted or reversed - Both components required; single-component application results in incomplete cure

****Hazard Classification — Part A (Resin)**** - Signal word: Warning - H315: Skin Irritation Category 2 - H319: Eye Irritation Category 2A - H317: Skin Sensitisation Category 1

****Hazard Classification — Part B (Hardener)**** - Signal word: Danger - H314: Skin Corrosion Category 1C - H314: Eye Damage Category 1 - H317: Skin Sensitisation Category 1

****Regulatory Classification**** - Australian poison schedule: Schedule 5 (S5) — precautionary label "Caution" - Transport classification: Dangerous Goods Class 9 (Miscellaneous Dangerous Substances and Articles) - Applicable transport codes: Australian Code for the Transport of Dangerous Goods by Road & Rail; NZS5433 (New Zealand) - Transport exemption: Australian Special Provision AU01 applies to small packagings (road/rail)

****Mandatory PPE (P280 — both SDS documents)**** - Chemical-resistant gloves rated for epoxy resin and amine hardener contact - Protective clothing: long sleeves and full-length trousers - Eye/face protection: safety glasses with side shields minimum; face shield when dispensing or mixing - Respirator: required when adequate ventilation cannot be achieved

****Precautionary Statements**** - P101: Take product container/label to medical emergency - P102: Keep out of reach of children - P103: Read carefully and follow all instructions - P260 (Part B): Do not breathe dust, fume, gas, mist, vapours or spray - P261 (Part A): Avoid breathing dust, fume, gas, mist, vapours or spray - P264: Wash hands, face, and all exposed skin thoroughly after handling - P272: Contaminated work clothing must not leave the workplace - P302+P352: IF ON SKIN — wash with plenty of water and soap - P305+P351+P338: IF IN EYES — rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing - P333+P313: If skin irritation or rash occurs, seek medical advice - P337+P313: If eye irritation persists, seek medical advice - P362+P364: Remove and wash contaminated clothing before reuse - P501: Dispose of contents/container in accordance with local, regional, national, and international regulations

****Storage**** - Special storage conditions: Not allocated (both SDS documents) - Components remain chemically stable when kept separate and sealed

****Disposal**** - Uncured epoxy components: must not be disposed of as general household waste - Fully cured epoxy: verify disposal requirements with local authorities

****Emergency & Technical Contacts**** - Australia emergency (24-hour): 1800 220 770 - New Zealand emergency (24-hour): 0800 220 770 - Technical support: 1300 555 205 (business hours)

General Product Claims

- Described as "professional-grade" adhesive - Described as delivering "rock-solid bonds" - Claimed to achieve "molecular-level bonding" - Described as "a permanent structural bonding solution, not a

temporary fix or a workaround" - Claimed to work "differently — and better" than single-component adhesives - Twin-syringe format described as delivering "professional results from the first squeeze" - Described as providing "superior performance. Every time." - Selleys described as "a heritage brand with over 80 years of delivering innovative solutions" - Keeping components separate described as giving "complete control of when and where the cure begins" - Crosslinked epoxy matrix described as transferring "loads reliably between non-compliant materials" - Described as "the kind of performance professionals count on"

Related Products & Brand Context

The Related Products section should either be corrected to refer to the Araldite 5 Minute product specifically (removing references to '90-second cure time' and 'leather bags'), or clearly delineated as describing a separate sibling product. The cure time reference of '90 seconds' is inconsistent with the '5 Minute' product name throughout the rest of the document. and its two-part epoxy format, which distinguishes it from single-component contact adhesives, PVA-based glues, and slower-setting structural epoxies that typically require extended clamping periods.

****Selleys**** is the parent brand, and the Araldite name within its range signals a focus on high-strength, chemically cured adhesives rather than the pressure-sensitive or solvent-based adhesives the brand also produces. This product fits the Selleys Araldite line as a fast-setting variant, formulated for situations where holding parts in place for extended periods isn't practical — the product description specifically calls out repairs to jewellery, vases, crockery, and leather bags as target applications, alongside broader use on metal, ceramics, wood, rigid plastics, and glass. The 14mL pack size reflects a consumer-scale, single-project or occasional-use format rather than a trade or bulk offering.

Because this is a two-part epoxy requiring mixing before application, buyers commonly also need surface preparation materials such as isopropyl alcohol wipes or abrasive pads to clean and key bonding surfaces — steps that meaningfully affect bond strength on non-porous substrates like glass or metal. Mixing accessories such as disposable applicator nozzles or mixing trays may also be relevant, particularly given that the product's 50:50 ratio format requires careful dispensing. It is worth noting that both parts of this adhesive are classified as hazardous under Australian GHS 7 criteria (skin and eye irritant, potential skin sensitiser), so nitrile gloves and eye protection are practical companion purchases for any user working with this product.

The knowledge graph does not name specific sibling Araldite products in this workspace, so no direct size variants or alternative-formula siblings can be confirmed beyond what is described here.