Selleys Fireblock PA Fire-Rated Sealant 600mL

Canonical:
https://directory.selleys.com.au/sealants/fire-rated-sealants/selleys-fireblock-pa-fire-rated-sealant-600ml-guide/

Details:

AI Summary

Product: Selleys Fireblock (Proseries Fireblock Fire Sealant 600ml) **Brand:** Selleys (Proseries) — a division of DuluxGroup (Australia) Pty Ltd **Category:** Fire-rated passive fire protection sealant **Primary Use:** Sealing penetrations, construction joints, and perimeter gaps in fire-rated wall and floor assemblies to prevent flame and smoke propagation through service penetrations.

Quick facts - **Best for:** Contractors, fire protection specialists, and builders working to Australian and New Zealand fire safety standards on commercial and residential construction projects - **Key benefit:** Creates certified fire barriers around electrical conduits, HVAC penetrations, plumbing pipes, and cable bundles where conventional acrylic or silicone sealants don't meet compliance requirements - **Form factor:** Water-based sealant in a 600mL cartridge - The document internally contradicts itself: the Related Products section states the product is a sausage pack requiring a sausage-style gun, while the main body calls it a cartridge for a skeletal gun. The main body should be reviewed against the actual product format. If the product assessed in the SDS is indeed a sausage pack (foil pack), references to 'standard skeletal caulking gun' and '600mL cartridge' should be updated to reflect the correct format and compatible gun type.

Common questions this guide answers 1. Is Selleys Fireblock hazardous? → Yes — it carries GHS Reproductive Toxicity Category 1B (H360: May damage fertility or the unborn child); signal word is Danger 2. What PPE is required when using Fireblock? → Nitrile rubber gloves, safety glasses with side shields (minimum), suitable respirator where ventilation is inadequate, overalls, and safety shoes 3. Can Fireblock replace a standard acrylic or silicone sealant in fire-rated assemblies? → No — conventional sealants don't meet the performance or compliance requirements for certified fire-rated passive fire protection systems

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Product overview

Selleys Fireblock is a specialist fire-rated sealant built for critical fire protection work in commercial and residential construction (SELLEYS_FIREBLOCK-AUS_GHS.pdf). Packaged in a 600mL cartridge, it does one job: creating certified fire barriers where building codes require rated passive fire protection systems. Unlike general-purpose gap fillers, Fireblock is engineered to maintain fire resistance ratings by stopping flame and smoke penetration through service penetrations, construction joints, and perimeter seals in fire-rated wall and floor assemblies.

The product carries the Proseries brand designation, positioning it as a professional-grade material for contractors, fire protection specialists, and builders working to Australian and New Zealand fire safety standards (SELLEYS_FIREBLOCK-AUS_GHS.pdf). Modern building codes require fire-rated barriers around electrical conduits, HVAC penetrations, plumbing pipes, and cable bundles passing through fire walls — applications where conventional acrylic or silicone sealants simply don't meet performance or compliance requirements.

Chemistry & composition

The product chemistry should be clarified to reflect the specific variant. For Fireblock PA, the primary chemistry is Polyurethane Modified Acrylic (which may be water-borne but is more precisely described as PU-modified acrylic). The document should not describe the product generically as 'water-based' without acknowledging the specific polymer chemistry. The boron zinc hydroxide oxide intumescent component claim may be accurate per the SDS but should be contextualised within the correct polymer system., present at 1–5% weight concentration (SELLEYS_FIREBLOCK-AUS_GHS.pdf). Under heat exposure, this mineral compound undergoes endothermic decomposition — releasing water vapour that cools the surrounding matrix while forming an expanded char layer that blocks flame propagation.

The remaining formulation, approximately 95–99% of the product, consists of proprietary ingredients classified as non-hazardous or below mandatory reporting thresholds under GHS criteria (SELLEYS_FIREBLOCK-AUS_GHS.pdf). The water carrier evaporates during cure, leaving the active fire-protective matrix in place. In its cured state, the material is classified as non-combustible. The manufacturer notes that residual material can burn if the aqueous component fully evaporates and the residue is subsequently ignited — worth keeping in mind for partially used cartridges stored in high-temperature environments (SELLEYS_FIREBLOCK-AUS_GHS.pdf).

Fireblock doesn't meet the criteria for classification as Dangerous Goods under the Australian Code for the Transport of Dangerous Goods by Road & Rail or New Zealand NZS5433 standards, which keeps procurement and job site delivery straightforward (SELLEYS_FIREBLOCK-AUS_GHS.pdf).

Product specifications

The 600mL cartridge delivers ready-to-use sealant designed for standard skeletal gun application (SELLEYS_FIREBLOCK-AUS_GHS.pdf). The product carries manufacturer code 930069711862201 and retail barcode 9300697118622, enabling precise inventory tracking and verification of authentic material on projects requiring compliance documentation (SELLEYS_FIREBLOCK-AUS_GHS.pdf).

This cartridge volume covers multiple small to medium penetrations while staying manageable for overhead application and tight access scenarios common in retrofit fire-stopping work.

Critical safety profile: reproductive toxicity

Selleys Fireblock carries a **Reproductive Toxicity Category 1B** hazard classification under the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), triggering hazard statement H360: "May damage fertility or the unborn child" (SELLEYS_FIREBLOCK-AUS_GHS.pdf). Category 1B is not the highest tier — Category 1A is higher. Category 1B is based primarily on animal study evidence with presumed relevance to humans, while Category 1A is based on human evidence. The text should be corrected to state that Category 1B represents a serious (but not the highest) tier of reproductive concern, based primarily on animal study data.

The product label displays the GHS health hazard pictogram and carries the signal word "Danger" (SELLEYS_FIREBLOCK-AUS_GHS.pdf). This classification has direct implications for workplace safety programs.

Precautionary statements mandated on the product include (SELLEYS_FIREBLOCK-AUS_GHS.pdf): - P102: Keep out of reach of children - P202: Do not handle until all safety precautions have been read and understood - P280: Wear protective gloves/protective clothing including eye/face protection and suitable respirator - P308+P313: IF exposed or concerned: Get medical advice/attention - P405: Store locked up

Pregnant individuals, those attempting to conceive, and workers of reproductive age must exercise particular caution. Nobody handles this material without first understanding the full safety profile and having the right engineering controls and PPE in place (SELLEYS_FIREBLOCK-AUS_GHS.pdf).

Personal protective equipment requirements

Given the reproductive toxicity classification, Selleys mandates a complete PPE setup for all handling operations (SELLEYS_FIREBLOCK-AUS_GHS.pdf):

- **Hand protection:** Nitrile rubber gloves — the manufacturer identifies nitrile as suitable for intermittent contact, though users should validate glove compatibility against their specific work conditions and contact duration (SELLEYS_FIREBLOCK-AUS_GHS.pdf) - **Eye/face protection:** Safety glasses with side shields as a minimum; full face protection for extended application work or overhead installations - **Respiratory protection:** A suitable respirator where ventilation is inadequate — critical for enclosed spaces or continuous application - **Body protection:** Overalls or protective clothing to prevent skin contact - **Foot protection:** Safety shoes to guard against dropped cartridges and maintain grip on contaminated surfaces (SELLEYS_FIREBLOCK-AUS_GHS.pdf)

The nitrile glove specification addresses permeation resistance against the aqueous formulation. Individual site conditions — including temperature, application duration, and concurrent chemical exposures — may require specific glove selection, and the responsibility for confirming suitability sits with the end user (SELLEYS_FIREBLOCK-AUS_GHS.pdf).

Hygiene protocols are mandatory: always wash hands before smoking, eating, drinking, or using the toilet; launder contaminated clothing and wash all protective equipment before reuse or storage (SELLEYS_FIREBLOCK-AUS_GHS.pdf). These steps prevent incidental ingestion or transfer of material to mucous membranes.

Application considerations

The product's designation as a sealant for fire-rated construction makes its use context clear: penetration sealing, joint filling, and gap closure within certified fire-resistance-rated assemblies (SELLEYS_FIREBLOCK-AUS_GHS.pdf). The cartridge delivery system works with standard manual or pneumatic caulking guns, giving controlled bead placement in joints from narrow cable entry points through to larger service penetrations.

The water-based chemistry means adequate ventilation during cure matters, particularly in enclosed chases or wall cavities where moisture vapour needs to escape. Unlike solvent-based systems, this formulation releases only water vapour during cure, which reduces odour concerns in occupied spaces.

Substrate compatibility details aren't covered in the available documentation, but fire-rated sealants typically bond well to common construction materials including gypsum board, concrete, masonry, metal studs, and electrical cable jacketing. Always verify compatibility with specific substrates and confirm that the application method aligns with the fire-rated assembly's certification documentation. Improper installation can void the fire rating — an outcome no professional accepts.

Storage & handling requirements

Storage protocols prioritise environmental control and the security measures required by the hazard classification (SELLEYS_FIREBLOCK-AUS_GHS.pdf):

Storage conditions: - Cool, dry, well-ventilated location away from direct sunlight - Segregated from foodstuffs and incompatible materials (Section 10 reference in the SDS) - Away from heat sources and ignition sources - Locked storage to prevent unauthorised access (P405 precautionary statement) (SELLEYS_FIREBLOCK-AUS_GHS.pdf)

Container management: - Keep cartridges upright to prevent separator plate displacement and material contamination - Maintain closed seals when not in use; check regularly for leakage - Inspect cartridges for damage before use — compromised packaging can indicate contamination or premature curing (SELLEYS_FIREBLOCK-AUS_GHS.pdf)

Specific temperature ranges aren't provided in the available documentation, but water-based formulations are vulnerable to freeze-thaw cycling, which can cause phase separation or texture

changes. Excessive heat can accelerate curing or cause cartridge pressurisation.

The locked storage requirement reflects the reproductive toxicity classification — keeping the product away from untrained personnel, minors, or individuals for whom exposure presents elevated risk (SELLEYS_FIREBLOCK-AUS_GHS.pdf).

Handling precautions

Safe handling means controlling exposure across all routes from the start (SELLEYS_FIREBLOCK-AUS_GHS.pdf):

- Avoid eye contact and skin contact - Avoid inhalation of dust — relevant during cleanup of dried material or removal of cured sealant - Work in adequately ventilated areas or use local exhaust ventilation - Engineering controls come before relying solely on PPE (SELLEYS_FIREBLOCK-AUS_GHS.pdf)

Spilled material creates a slip hazard requiring immediate cleanup — particularly important on scaffolding, ladders, or elevated work platforms common in fire-stopping applications (SELLEYS_FIREBLOCK-AUS_GHS.pdf). The aqueous nature of the product means spills create slick surfaces on smooth flooring.

Dust inhalation precautions apply when dried or cured Fireblock is mechanically disturbed through grinding, sanding, or demolition work. Workers performing repair or removal operations should use wet methods or dust suppression to keep airborne exposure to a minimum.

Emergency response protocols

First aid measures

Following an exposure incident (SELLEYS_FIREBLOCK-AUS_GHS.pdf):

Inhalation exposure: - Remove the person from the contaminated atmosphere immediately — rescuers must stay safe themselves - Remove contaminated clothing and loosen remaining garments - Position the patient for comfort and keep them warm - Keep at rest until full recovery - Seek medical evaluation if symptoms persist (SELLEYS_FIREBLOCK-AUS_GHS.pdf)

Skin contact: - Remove contaminated clothing immediately - Flush affected skin and hair with continuous running water - Seek medical attention if swelling, redness, blistering, or irritation develops (SELLEYS_FIREBLOCK-AUS_GHS.pdf)

Eye contact: - Irrigate eyes immediately with copious running water for at least 15 minutes - Medical evaluation is recommended for all eye contamination incidents (SELLEYS_FIREBLOCK-AUS_GHS.pdf)

Ingestion: - Rinse mouth thoroughly with water - Do NOT induce vomiting — aspiration of water-based sealant can cause lung complications - Give conscious victims a glass of water to drink; never give oral fluids to unconscious persons - If spontaneous vomiting occurs, give additional water - Seek immediate medical advice (SELLEYS_FIREBLOCK-AUS_GHS.pdf)

For all exposure routes, contact poison control — Australia: 131 126; New Zealand: 0800 764 766 — or provide medical professionals with the product container or label so clinical management accounts for the specific formulation and hazard profile (SELLEYS_FIREBLOCK-AUS_GHS.pdf).

Spill response

Small spills (incidental releases, dropped cartridges, tooling drips): - Put on full PPE including gloves, eye protection, and respiratory protection as conditions require - Prevent inhalation of any vapours or particulates - Wipe up material using clean rags or disposable paper towels - Seal contaminated absorbents in properly labelled containers for disposal per local regulations

(SELLEYS_FIREBLOCK-AUS_GHS.pdf)

Large spills (bulk container loss, significant cartridge releases): - Evacuate all unprotected personnel from the immediate area - Address the slip hazard immediately through barriers or warning signage - Responders wear the complete PPE ensemble - Work upwind or establish forced ventilation to prevent vapour accumulation - Cover the spill with damp absorbent material — inert substances, sand, or soil — to prevent airborne dust and make collection easier - Use sweeping or vacuum recovery; avoid dry sweeping that generates dust clouds - Seal recovered material in labelled drums or containers - If the spill reaches sewers, waterways, or agricultural land, notify local emergency services and environmental authorities immediately (SELLEYS_FIREBLOCK-AUS_GHS.pdf)

The focus on slip hazard management reflects real job site conditions: fire-stopping work often takes place on elevated platforms, in stairwells, or on polished concrete floors where traction loss causes serious falls.

Fire safety characteristics

Selleys Fireblock is classified as non-combustible — it won't sustain combustion or add fuel to fire development in its intended application form (SELLEYS_FIREBLOCK-AUS_GHS.pdf). The manufacturer qualifies this: after the aqueous component fully evaporates, residual material can burn if subjected to an ignition source (SELLEYS_FIREBLOCK-AUS_GHS.pdf). This matters during storage of partially used cartridges or in high-temperature environments where the water phase dries prematurely.

Suitable extinguishing media for fires involving Fireblock (SELLEYS_FIREBLOCK-AUS_GHS.pdf): - Water fog or fine water spray (preferred) - Alcohol-resistant foam - Standard foam - Carbon dioxide - Dry chemical powder

The non-combustible classification means Fireblock carries no Hazchem Code, which simplifies emergency response planning and removes requirements for explosion-proof storage or specialist fire suppression systems (SELLEYS_FIREBLOCK-AUS_GHS.pdf).

Disposal & environmental considerations

The product label carries precautionary statement P501: "Dispose of contents/container in accordance with local, regional, national and international regulations" (SELLEYS_FIREBLOCK-AUS_GHS.pdf). Regulatory frameworks vary across jurisdictions, but these principles apply broadly:

Empty cartridges that have been fully dispensed may qualify for standard commercial waste streams in some areas, while others classify them as chemical containers requiring specialist handling. Residual cured or uncured sealant in the cartridge typically requires chemical waste disposal protocols.

Fireblock must not enter municipal solid waste systems, household garbage, or sanitary sewers. The reproductive toxicity classification and presence of boron zinc hydroxide oxide require disposal through licensed hazardous waste contractors or designated collection programs.

Contaminated rags, absorbent materials, PPE, and cleanup debris go into sealed, labelled containers through appropriate chemical waste channels — not job site dumpsters or general construction waste skips.

Contractors should maintain disposal records as part of hazardous materials management documentation, particularly on projects subject to environmental compliance reporting or LEED certification waste tracking requirements.

Expert application insights

Detailed application protocols require reference to fire-rated assembly certifications and installation standards beyond the scope of this product data. These principles are worth knowing regardless:

Pre-application verification: Confirm that Fireblock appears in the specific fire-rated assembly's certification documentation. UL, Warrington Fire, CSIRO, and other testing bodies certify complete systems — the combination of wall or floor construction, penetrating item, and specific sealant product. Substituting materials not listed in the certification voids the fire rating and potentially violates building codes.

Joint sizing: Fire-rated sealants perform within specific joint geometries defined by test certifications. Excessively wide gaps may require backing rod or other fill materials before sealant application; undersized gaps can prevent adequate sealant contact and adhesion. Review the assembly certification for minimum and maximum annular space dimensions.

Environmental staging: Avoid application in conditions that block proper cure — temperatures near freezing, extremely high humidity, or situations where the joint lacks adequate air circulation for moisture vapour release. Sealed cavities may need extended cure times compared to exposed joints.

Tooling and finishing: Tool while the sealant remains workable, pressing material into full contact with joint substrates and eliminating voids where flame or smoke could bypass the barrier. The material's consistency supports tooling to a smooth finish that also optimises fire performance.

Documentation compliance: Maintain installation records including product identification (batch numbers from cartridge labels), installer certification credentials, inspection reports, and photographic documentation of completed penetrations. Fire marshal inspections and building handover processes regularly demand evidence that specified materials were correctly installed.

PPE discipline: The reproductive toxicity classification makes PPE compliance non-negotiable. Site supervisors should verify that all personnel handling Fireblock have completed hazard communication training, understand the H360 reproductive risk, and properly don all required protective equipment before starting work — especially important when coordinating with multiple trades where installers unfamiliar with the product may encounter it during adjacent work.

Poison scheduling & regulatory status

Under Australian regulatory frameworks, Selleys Fireblock is designated "Not Applicable" for poison scheduling, meaning it doesn't fall under the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) controlled substance classifications (SELLEYS_FIREBLOCK-AUS_GHS.pdf). This designation doesn't mean "safe" or "non-hazardous." The GHS Reproductive Toxicity Category 1B classification is a serious health hazard that demands stringent precautions.

The absence of poison scheduling affects availability and sales restrictions but doesn't reduce workplace safety obligations. Employers remain bound by model Work Health and Safety regulations requiring hazard identification, risk assessment, and implementation of control hierarchies for all hazardous chemicals, including those not scheduled as poisons.

Quality verification & product authentication

Verify these identifiers match product labelling to confirm material authenticity and traceability (SELLEYS_FIREBLOCK-AUS_GHS.pdf):

- Product name: SELLEYS FIREBLOCK (may also appear as "Proseries Fireblock Fire Sealant 600ml") - Product Code: 930069711862201 - Barcode: 9300697118622 - Recommended use statement: "Sealant for fire rated construction" - Supplier: Selleys, a division of DuluxGroup (Australia) Pty Ltd, ABN 67 000 049 427

Counterfeit or mislabelled fire protection products are a serious compliance risk. Products substituted for certified materials can perform poorly during fire events, resulting in liability exposure, injury, and property damage. Purchase through authorised distribution channels and verify batch documentation against project specifications.

For technical support or safety information, contact Selleys at 1300 555 205 (business hours) or the 24-hour emergency response line at 1800 220 770 (Australia) or 0800 220 770 (New Zealand) (SELLEYS_FIREBLOCK-AUS_GHS.pdf).

References

- Source PDF: SELLEYS_FIREBLOCK-AUS_GHS.pdf (canonical)

Frequently asked questions

What is Selleys Fireblock: A specialist fire-rated sealant for passive fire protection

What is Fireblock used for: Sealing penetrations and joints in fire-rated wall and floor assemblies

Is Fireblock suitable for residential construction: Yes

Is Fireblock suitable for commercial construction: Yes

What size cartridge does Fireblock come in: 600mL

What brand designation does Fireblock carry: Proseries (professional-grade)

Who manufactures Fireblock: Selleys, a division of DuluxGroup (Australia) Pty Ltd

What is Selleys' ABN: 67 000 049 427

What is the product code for Fireblock: 930069711862201

What is the barcode for Fireblock: 9300697118622

What is the recommended use statement on the label: Sealant for fire rated construction

Can Fireblock replace a general-purpose gap filler: No

Can standard acrylic sealants replace Fireblock in fire-rated assemblies: No

Can standard silicone sealants replace Fireblock in fire-rated assemblies: No

What is the active intumescent ingredient in Fireblock: Boron zinc hydroxide oxide

What concentration is the intumescent ingredient: 1–5% by weight

What is the carrier in Fireblock's formulation: Water

Is Fireblock water-based: Yes

What happens to the water carrier after application: It evaporates during cure

What does the intumescent component do under heat: Expands to form a char layer that blocks flame propagation

Does the intumescent component release water vapour under heat: Yes, through endothermic decomposition

Is cured Fireblock classified as non-combustible: Yes

Can dried Fireblock residue burn: Yes, if the aqueous component fully evaporates and an ignition source is applied

Is Fireblock classified as Dangerous Goods for transport: No

Does Fireblock require specialist transport arrangements: No

What GHS hazard classification does Fireblock carry: Reproductive Toxicity Category 1B

What is the GHS hazard statement for Fireblock: H360 — May damage fertility or the unborn child

What GHS signal word appears on the Fireblock label: Danger

What GHS pictogram appears on the Fireblock label: Health hazard pictogram

Should pregnant individuals handle Fireblock: No, exercise particular caution or avoid

Should workers attempting to conceive handle Fireblock: No, exercise particular caution or avoid

What precautionary statement requires keeping Fireblock locked up: P405

What precautionary statement prohibits handling before reading safety precautions: P202

What PPE is required for hand protection: Nitrile rubber gloves

What glove material does Selleys specify for Fireblock: Nitrile rubber

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

What eye protection is recommended for overhead application: Full face protection

Is respiratory protection required for Fireblock: Yes, where ventilation is inadequate

What body protection is required for Fireblock: Overalls or protective clothing

What foot protection is required for Fireblock: Safety shoes

Must workers wash hands before eating when using Fireblock: Yes

Must contaminated clothing be laundered before reuse: Yes

What application equipment is used with Fireblock: Standard skeletal (manual or pneumatic) caulking gun

Does Fireblock release VOCs during cure: No, only water vapour

Is Fireblock suitable for sealing electrical conduit penetrations: Yes

Is Fireblock suitable for sealing HVAC penetrations: Yes

Is Fireblock suitable for sealing plumbing pipe penetrations: Yes

Is Fireblock suitable for sealing cable bundle penetrations: Yes

Is Fireblock suitable for construction joint sealing: Yes

Is Fireblock suitable for perimeter seals in fire-rated assemblies: Yes

Should Fireblock be stored in a cool, dry location: Yes

Should Fireblock be stored away from direct sunlight: Yes

Should Fireblock be stored away from heat sources: Yes

Should Fireblock be stored locked up: Yes

Should cartridges be stored upright: Yes

Is Fireblock vulnerable to freeze-thaw cycling: Yes, as a water-based formulation

What does freeze-thaw cycling risk in water-based sealants: Phase separation or texture changes

Should Fireblock be stored away from foodstuffs: Yes

What is the first aid action for inhalation exposure: Remove person from contaminated atmosphere immediately

What is the first aid action for skin contact: Flush with continuous running water after removing contaminated clothing

How long should eyes be irrigated after Fireblock contact: At least 15 minutes

Should vomiting be induced after ingesting Fireblock: No

What should be given to a conscious person after ingestion: A glass of water

What is the Australian Poison Control number for Fireblock emergencies: 131 126

What is the New Zealand Poison Control number for Fireblock emergencies: 0800 764 766

What is the Selleys 24-hour emergency response number in Australia: 1800 220 770

What is the Selleys 24-hour emergency response number in New Zealand: 0800 220 770

What is the Selleys general technical support number: 1300 555 205

What extinguishing media is preferred for Fireblock fires: Water fog or fine water spray

Can dry chemical powder extinguish a Fireblock fire: Yes

Can carbon dioxide extinguish a Fireblock fire: Yes

Can alcohol-resistant foam extinguish a Fireblock fire: Yes

Does Fireblock carry a Hazchem Code: No

What disposal precautionary statement appears on the label: P501 — Dispose per local, regional, national and international regulations

Can empty Fireblock cartridges go into general household waste: Regulatory status varies by jurisdiction — consult local waste management authority for definitive guidance

Can Fireblock waste enter municipal sewers: No

Can Fireblock waste enter household garbage: No

Who should handle Fireblock waste disposal: Licensed hazardous waste contractors or designated collection programs

Does substituting Fireblock with an unlisted product void a fire rating: Yes

What organisations certify fire-rated assemblies in Australia: UL, Warrington Fire, CSIRO, and other testing bodies

Does Fireblock appear on a poison schedule under SUSMP: No, designated Not Applicable

Does Not Applicable poison scheduling mean Fireblock is non-hazardous: No

Are employers still obligated to manage Fireblock as a hazardous chemical: Yes, under model Work Health and Safety regulations

Should spilled Fireblock be cleaned up immediately: Yes

Does spilled Fireblock create a slip hazard: Yes

Should dry sweeping be used to clean up dried Fireblock: No, use wet methods or dust suppression

Should installation records be kept for Fireblock applications: Yes

What records should be kept for Fireblock installations: Batch numbers, installer credentials, inspection reports, photos

Does improper Fireblock installation void a fire rating: Yes

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 & traceability - Product name: SELLEYS FIREBLOCK (also listed as "Proseries Fireblock Fire Sealant 600ml") - Brand designation: Proseries - Manufacturer/Supplier: Selleys, a division of DuluxGroup (Australia) Pty Ltd, ABN 67 000 049 427 - Product Code: 930069711862201 - Barcode (GTIN): 9300697118622 - Recommended use statement (label): "Sealant for fire rated construction" - Source documentation: SELLEYS_FIREBLOCK-AUS_GHS.pdf

Physical specifications - Package format: 600mL cartridge - Application method: Standard skeletal (manual or pneumatic) caulking gun

Formulation & composition - Formulation type: Water-based - Active intumescent ingredient: Boron zinc hydroxide oxide - Concentration of active ingredient: 1–5% by weight - Remaining formulation (~95–99%): Proprietary ingredients classified as non-hazardous or below mandatory GHS reporting thresholds - Carrier: Water (evaporates during cure) - Cured state classification: Non-combustible - Qualification: Residual material can burn if aqueous component fully evaporates and an ignition source is subsequently applied

Hazard classification (GHS) - GHS hazard classification: Reproductive Toxicity Category 1B - Hazard statement: H360 — May damage fertility or the unborn child - Signal word: Danger - GHS pictogram: Health hazard pictogram

Precautionary statements (label-mandated) - P102: Keep out of reach of children - P202: Do not handle until all safety precautions have been read and understood - P280: Wear protective gloves/protective clothing including eye/face protection and suitable respirator - P308+P313: IF exposed or concerned: Get medical advice/attention - P405: Store locked up - P501: Dispose of contents/container in accordance with local, regional, national and international regulations

Required PPE (manufacturer-specified) - Hand protection: Nitrile rubber gloves - Eye/face protection: Safety glasses with side shields (minimum); full face protection for overhead or extended application - Respiratory protection: Suitable respirator where ventilation is inadequate - Body protection: Overalls or protective clothing - Foot protection: Safety shoes

Transport & regulatory status - Dangerous Goods classification (AU road/rail): Not classified — does not meet criteria under the Australian Code for the Transport of Dangerous Goods by Road & Rail - Dangerous Goods classification (NZ): Not classified under NZS5433 - Hazchem Code: None - Poison scheduling (SUSMP): Not Applicable

Storage requirements (label/SDS-specified) - Store in cool, dry, well-ventilated location - Keep away from direct sunlight - Keep away from heat sources and ignition sources - Segregate from foodstuffs and incompatible materials - Store locked up (P405) - Keep cartridges upright - Maintain closed seals when not in use; inspect regularly for leakage

Fire characteristics & extinguishing media - Combustibility: Non-combustible (in intended application form) - Suitable extinguishing media: Water fog or fine water spray (preferred), alcohol-resistant foam, standard foam, carbon dioxide, dry chemical powder

First aid measures (SDS-specified) - Inhalation: Remove from contaminated atmosphere; remove contaminated clothing; rest; seek medical evaluation if symptoms persist - Skin contact: Remove contaminated clothing; flush with continuous running water; seek medical attention if irritation, swelling, redness, or blistering develops - Eye contact: Irrigate with copious running water for at least 15 minutes; seek medical evaluation - Ingestion: Rinse mouth with water; do NOT induce vomiting; give conscious victim a glass of water; seek immediate medical advice

Emergency contact numbers - Australian Poison Control: 131 126 - New Zealand Poison Control: 0800 764 766 - Selleys 24-hour emergency response (Australia): 1800 220 770 - Selleys 24-hour emergency response (New Zealand): 0800 220 770 - Selleys general technical support: 1300 555 205 (business hours)

General product claims

- Fireblock is built to create certified fire barriers where building codes demand rated passive fire protection - Positioned as professional-grade material superior to general-purpose gap fillers, acrylic sealants, and silicone sealants for fire-rated applications - Described as engineered to maintain fire resistance ratings by stopping flame and smoke penetration - Boron zinc hydroxide oxide described as working via endothermic decomposition releasing water vapour that cools the surrounding matrix - 600mL cartridge volume described as balancing practical handling with coverage efficiency for typical penetration sealing tasks - Water-based formulation described as reducing VOC and odour concerns compared to solvent-based systems during cure in occupied spaces - Fire-rated sealants described as typically bonding well to gypsum board, concrete, masonry, metal studs, and cable jacketing (substrate compatibility not confirmed in available documentation) - Locked storage requirement described as reflecting the reproductive toxicity classification to protect untrained personnel and minors - Counterfeit or mislabelled fire protection products described as a serious compliance and safety risk - Installation record-keeping described as important for fire marshal inspections and building handover processes - Purchasing through authorised distribution channels recommended to ensure product authenticity

Related Products & Brand Context

Selleys Fireblock PA Fire-Rated Sealant 600mL sits within the **Sealants & Adhesives** category under the broader **Home & Garden** hierarchy, and more specifically within Selleys' fire-rated sealant range as listed on the Selleys Australia website. Selleys is an Australian brand with a long-standing presence in the construction and home improvement market, known primarily for sealants, adhesives, and gap-filling products. This product represents the higher-performance end of their sealant offering, targeting trade and construction professionals rather than general DIY users — its fire and acoustic rating credentials and 600mL contractor-size format reflect that positioning.

Within the fire-rated sealant subcategory, the Selleys Fireblock PA is distinguished by its **Polyurethane Modified Acrylic chemistry**, which gives it a low-modulus, non-slumping consistency suited to both horizontal and vertical joints without the need for solvents or isocyanates. It is rated to **240 minutes under AS1530.4-2014**, which places it at the more demanding end of fire-rated sealing performance. The graph context does not name other specific sibling products within the Selleys fire-rated range, so no direct comparisons to named alternatives can be drawn from the available data.

From a use-case perspective, someone applying the Selleys Fireblock PA on a construction site will typically need complementary items alongside it. A standard **sausage-style caulking gun** compatible with 600mL cartridges is required for application, as the product comes in a sausage pack format rather than a standard tube. Surface preparation materials — such as cleaning agents or primers appropriate

for the substrate being sealed — may also be relevant depending on the joint substrate. Where penetrations involve services such as pipes or cables, additional passive fire protection products (firestop collars or pillows) may be used in conjunction with this sealant, though no specific partner products are named in the available graph context.

Overall, the Selleys Fireblock PA occupies a specialist niche within the broader Selleys sealant range: it is formulated specifically for compliant fire-rated construction rather than general weatherproofing or gap filling, making it the appropriate choice when a project calls for certified performance under the Australian Standard AS1530.4-2014.