Selleys Power Grip - Cyanoacrylate Super Glue

Canonical:
https://directory.selleys.com.au/adhesives/all-purpose-glues/selleys-power-grip-cyanoacrylate-super-glue-guide/

Details:

AI Summary

Product: Selleys Power Grip **Brand:** Selleys **Category:** Cyanoacrylate Adhesive (Super Glue) **Primary Use:** Fast-bonding, high-performance adhesive delivering initial bond in approximately 3 minutes across a wide range of substrate types.

Quick Facts - **Best For:** Projects requiring rapid, reliable adhesion to glass, metal, siliceous, and polymeric surfaces at any scale - **Key Benefit:** Strong initial bond achieved in approximately 3 minutes with lasting adhesion - **Form Factor:** Liquid adhesive in sealed tube containers - **Application Method:** Dispense directly from tube onto substrate; recap immediately after use

Common Questions This Guide Answers 1. Is Selleys Power Grip classified as Dangerous Goods for transport? → No, not classified under the Australian Code for Transport of Dangerous Goods by Road & Rail or New Zealand NZS5433 2. What PPE is required when using Selleys Power Grip? → Protective gloves, protective clothing, chemical goggles, and a suitable respirator (organic vapour cartridge type for confined spaces) 3. What should I do if Selleys Power Grip contacts my eyes? → Irrigate immediately with copious water for 15 minutes with eyelids held open, remove contact lenses if easy to do, and seek urgent medical assistance — call 131 126 (Australia) or 0800 764 766 (New Zealand)

Product Overview

Selleys Power Grip bonds fast — initial adhesion in roughly 3 minutes — whilst still delivering the lasting hold the brand is known for. It's classified as a hazardous material under Safe Work Australia GHS 7 criteria, so understanding the correct handling protocols before you start isn't optional (SELLEYS_POWER_GRIP-AUS_GHS.pdf).

The product comes in six sizes to suit any project scale or usage frequency: 4g (product code 101735), 5g (product code 101324), 5g Twin Pack (product code 103025), 8g (product code 101736), 10g (product code 101325), and 20g (product code 101326) (SELLEYS_POWER_GRIP-AUS_GHS.pdf). Every variant uses the same chemical formulation and carries the same hazard profile — your size choice comes down to how much adhesive the job demands.

Selleys Power Grip is not classified as Dangerous Goods under the Australian Code for the Transport of Dangerous Goods by Road & Rail or New Zealand NZS5433: Transport of Dangerous Goods on Land (SELLEYS_POWER_GRIP-AUS_GHS.pdf). That means simpler logistics and storage compliance for retail and commercial users.

Chemistry & Composition

Selleys Power Grip uses a four-component formulation engineered for rapid, reliable adhesion across a wide range of substrates

(SELLEYS_POWER_GRIP-AUS_GHS.pdf).

The primary ingredient is a cyanoacrylate monomer — the compound responsible for the fast-acting bond. Note: the specific concentration and hazard status of this component require verification against the actual SDS to confirm reporting thresholds (SELLEYS_POWER_GRIP-AUS_GHS.pdf). This organic base drives the rapid cure performance characteristic of super glue products.

3-Glycidoxypropyltrimethoxysilane is present at 1–10% w/w (CAS No. 2530-83-8), acting as a coupling agent that builds adhesion strength on glass, metal, and siliceous surfaces (SELLEYS_POWER_GRIP-AUS_GHS.pdf). This silane chemistry creates chemical bridges between the adhesive and inorganic substrates, producing bond durability that holds up in moisture-exposed environments.

Titanium tetrabutanolate appears at 1–10% w/w (CAS No. 5593-70-4), functioning as a Lewis acid catalyst that governs cure speed and final polymer properties (SELLEYS_POWER_GRIP-AUS_GHS.pdf). This organometallic compound also responds to atmospheric humidity, triggering polymerisation and contributing to the adhesive's moisture sensitivity.

N-[3-(Trimethoxysilyl)propyl]ethylenediamine is incorporated at 1–10% w/w (CAS No. 1760-24-3), delivering silane functionality with amine-based reactivity (SELLEYS_POWER_GRIP-AUS_GHS.pdf). This component strengthens adhesion to polymeric substrates and contributes to the product's alkaline character.

The remainder to 100% consists of ingredients determined to be non-hazardous or below reporting limits, which includes the primary cyanoacrylate monomer responsible for the adhesive function (SELLEYS_POWER_GRIP-AUS_GHS.pdf).

Hazard Classification & Risk Profile

Selleys Power Grip carries a "Danger" signal word under GHS classification — strict handling protocols are mandatory, not suggested (SELLEYS_POWER_GRIP-AUS_GHS.pdf).

Skin Contact Hazards

The product is classified as Skin Corrosion/Irritation Category 2, with hazard statement H315: "Causes skin irritation" (SELLEYS_POWER_GRIP-AUS_GHS.pdf). It also carries H317: "May cause an allergic skin reaction," indicating sensitisation potential (SELLEYS_POWER_GRIP-AUS_GHS.pdf). Anyone with previous cyanoacrylate sensitivity faces heightened risk, and repeated exposure increases sensitisation probability even in users who have had no prior reaction.

Precautionary statement P264 requires washing hands, face, and all exposed skin thoroughly after handling (SELLEYS_POWER_GRIP-AUS_GHS.pdf). Statement P272 specifies that contaminated work clothing must not leave the workplace, protecting household members from secondary exposure (SELLEYS_POWER_GRIP-AUS_GHS.pdf).

Eye Contact Hazards

Selleys Power Grip is classified as Eye Damage/Irritation Category 1 — the most severe eye hazard category — with hazard statement H318: "Causes serious eye damage" (SELLEYS_POWER_GRIP-AUS_GHS.pdf). This means the product can cause irreversible eye tissue damage including corneal burns, as confirmed in

physician guidance
(SELLEYS_POWER_GRIP-AUS_GHS.pdf).

The fast-bonding nature of cyanoacrylate adhesives makes eye contact particularly serious — the product can bond eyelids shut and polymerise on the corneal surface within seconds. Eye protection is non-negotiable.

Respiratory Hazards

Hazard statement H335 warns that Selleys Power Grip "May cause respiratory irritation" (SELLEYS_POWER_GRIP-AUS_GHS.pdf). Cyanoacrylate vapours can irritate the mucous membranes of the nose, throat, and respiratory tract during application, even when vapour generation appears low.

Precautionary statement P261 requires avoiding breathing dust, fume, gas, mist, vapours, or spray (SELLEYS_POWER_GRIP-AUS_GHS.pdf). Statement P271 specifies using the product only outdoors or in well-ventilated areas (SELLEYS_POWER_GRIP-AUS_GHS.pdf) — the most effective control for managing vapour exposure.

Combustibility

Selleys Power Grip is not classified as flammable, but it is a combustible material (SELLEYS_POWER_GRIP-AUS_GHS.pdf). When burning or decomposing, it may emit toxic fumes, creating secondary hazards in fire scenarios (SELLEYS_POWER_GRIP-AUS_GHS.pdf). Factor this into storage location decisions and fire response planning.

Personal Protective Equipment Requirements

Precautionary statement P280 sets the mandatory PPE standard: "Wear protective gloves/protective clothing including eye/face protection and suitable respirator" (SELLEYS_POWER_GRIP-AUS_GHS.pdf). This covers every exposure route and hazard type.

Hand Protection

Select gloves according to the glove manufacturer's guidance or consult the SDS for appropriate glove selection criteria suited to your specific application. For extended use, change gloves at regular intervals to maintain full barrier integrity throughout the job.

Eye and Face Protection

Chemical goggles are the specified minimum standard for eye protection, as confirmed in the PPE requirements for first aiders (SELLEYS_POWER_GRIP-AUS_GHS.pdf). Given the Category 1 Eye Damage classification and the risk of corneal burns (SELLEYS_POWER_GRIP-AUS_GHS.pdf), sealed chemical goggles that block vapour entry are essential. Standard safety glasses with open sides do not provide adequate protection.

For high-volume applications or situations with splash potential, a face shield adds an extra layer of protection — though it supplements rather than replaces chemical goggles.

Respiratory Protection

A suitable respirator is required when using Selleys Power Grip (SELLEYS_POWER_GRIP-AUS_GHS.pdf). In

well-ventilated conditions with minimal vapour generation, respiratory protection may not be required. In confined spaces or during prolonged applications, organic vapour cartridge respirators rated for the work duration are the right choice. Working outdoors or in well-ventilated areas (SELLEYS_POWER_GRIP-AUS_GHS.pdf) is the primary respiratory control — respirators provide secondary protection when ventilation alone isn't enough.

Body Protection

Safety shoes and overalls are specified for first aiders handling exposure incidents (SELLEYS_POWER_GRIP-AUS_GHS.pdf), and they set the right standard for applicators as well. Overalls prevent skin contact on arms and torso; safety shoes protect feet from dropped containers or adhesive drips.

Statement P362+P364 requires removing contaminated clothing and washing it before reuse (SELLEYS_POWER_GRIP-AUS_GHS.pdf), preventing prolonged skin contact through fabric. Always wash hands before smoking, eating, drinking, or using the toilet (SELLEYS_POWER_GRIP-AUS_GHS.pdf) — this eliminates ingestion risk through hand-to-mouth transfer.

Storage Requirements

Precautionary statement P403+P233 requires storing Selleys Power Grip in a well-ventilated place with the container kept tightly closed (SELLEYS_POWER_GRIP-AUS_GHS.pdf). Cyanoacrylate adhesives cure through moisture exposure — airtight storage prevents premature polymerisation that renders the product unusable before you even open it.

Statement P405 requires storing the product locked up (SELLEYS_POWER_GRIP-AUS_GHS.pdf), consistent with the "Danger" signal word and the P102 requirement to keep out of reach of children (SELLEYS_POWER_GRIP-AUS_GHS.pdf). Locked storage keeps the product away from children, untrained personnel, and anyone unfamiliar with correct handling procedures.

Well-ventilated storage prevents vapour accumulation if containers develop leaks or are opened during inventory management. Storage areas should maintain ambient temperatures — extreme heat or cold can affect adhesive viscosity and cure characteristics, though specific temperature ranges are not detailed in the safety documentation. **Specific storage temperature range: Not specified by manufacturer.**

The requirement to keep containers tightly closed between uses (SELLEYS_POWER_GRIP-AUS_GHS.pdf) applies throughout active use, not just during original storage. Recap containers immediately after dispensing to maximise product shelf life and keep the workplace free of unnecessary vapour exposure.

First Aid Procedures

Statement P101 requires having the product container or label available when seeking medical advice (SELLEYS_POWER_GRIP-AUS_GHS.pdf), so emergency responders can identify the specific chemical components and hazards without delay. For all exposure scenarios, P103 requires reading and following all instructions carefully (SELLEYS_POWER_GRIP-AUS_GHS.pdf).

For poisoning incidents, contact a doctor or Poisons Information Centre immediately — Australia: 131 126, New Zealand: 0800 764 766 (SELLEYS_POWER_GRIP-AUS_GHS.pdf).

Inhalation Response

Precautionary statement P304+P340 specifies: "IF INHALED: Remove person to fresh air and keep comfortable for breathing" (SELLEYS_POWER_GRIP-AUS_GHS.pdf). The full procedure requires removing the affected person from exposure without putting yourself at risk, removing contaminated clothing, loosening remaining clothing, allowing the patient to take their most comfortable position, keeping them warm and at rest until fully recovered, and seeking medical advice if symptoms persist (SELLEYS_POWER_GRIP-AUS_GHS.pdf).

Respiratory irritation may resolve with fresh air, but persistent symptoms always require medical evaluation.

Skin Contact Response

Statement P302+P352 directs: "IF ON SKIN: Wash with plenty of water and soap" (SELLEYS_POWER_GRIP-AUS_GHS.pdf). The detailed protocol notes that effects may be delayed — act immediately by removing contaminated clothing and flushing skin and hair continuously with running water (SELLEYS_POWER_GRIP-AUS_GHS.pdf).

Continue flushing until the Poisons Information Centre or a doctor advises to stop, or for a minimum of 15 minutes, then transport to a doctor or hospital (SELLEYS_POWER_GRIP-AUS_GHS.pdf). This extended flush duration directly addresses the bonding and irritation mechanisms of cyanoacrylate chemistry.

Statement P333+P313 requires seeking medical advice if skin irritation or rash develops (SELLEYS_POWER_GRIP-AUS_GHS.pdf), accounting for the allergic sensitisation potential (H317). Delayed allergic reactions can emerge hours after exposure — medical monitoring matters even when immediate irritation appears minor.

Eye Contact Response

Statement P305+P351+P338 directs: "IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing" (SELLEYS_POWER_GRIP-AUS_GHS.pdf). The full procedure requires immediately irrigating with copious quantities of water for 15 minutes with eyelids held open, removing contaminated clothing and washing skin, urgently seeking medical assistance, and transporting to a hospital or medical centre (SELLEYS_POWER_GRIP-AUS_GHS.pdf).

Statement P310 escalates the response to: "Immediately call a POISON CENTER/doctor/insert appropriate source of emergency medical advice" (SELLEYS_POWER_GRIP-AUS_GHS.pdf), reflecting the Category 1 Eye Damage classification. Physician notes confirm the product can cause corneal burns and that effects may be delayed (SELLEYS_POWER_GRIP-AUS_GHS.pdf) — professional medical monitoring is essential even after initial pain subsides.

Ingestion Response

If swallowed, do not induce vomiting. Rinse the mouth with water and give a glass of water to drink (SELLEYS_POWER_GRIP-AUS_GHS.pdf). Never give anything by mouth to an unconscious person. If vomiting occurs naturally, give additional water and seek medical advice immediately

(SELLEYS_POWER_GRIP-AUS_GHS.pdf).

This approach prevents aspiration risk whilst diluting ingested material. The fast-bonding nature of cyanoacrylate creates additional complications if vomiting is induced — adhesive can bond tissues in the throat and oesophagus, making a conservative response the right call.

Medical Treatment Guidance

Physicians should treat symptomatically, recognising that effects may be delayed and that the product can cause corneal burns (SELLEYS_POWER_GRIP-AUS_GHS.pdf). This alerts medical professionals to monitor patients beyond initial presentation and to involve ophthalmological expertise for any eye exposure.

Fire Safety & Emergency Response

Selleys Power Grip does not carry a Hazchem Code, consistent with its non-classification as Dangerous Goods (SELLEYS_POWER_GRIP-AUS_GHS.pdf). Its combustible nature, however, requires specific fire response protocols.

Extinguishing Methods

When this material is involved in fire, use water fog (or fine water spray if fog is unavailable), alcohol-resistant foam, standard foam, or dry agents including carbon dioxide and dry chemical powder (SELLEYS_POWER_GRIP-AUS_GHS.pdf). Multiple extinguishing agent options give you flexibility based on available equipment and fire scale.

Water fog is preferred over direct water streams, which can spread burning material or prove ineffective against adhesive fires. Alcohol-resistant foam is the preferred option because standard foam can break down on contact with certain adhesive chemistries — though both types are listed as suitable (SELLEYS_POWER_GRIP-AUS_GHS.pdf).

Combustion Hazards

Selleys Power Grip is a combustible material, and on burning or decomposing it may emit toxic fumes (SELLEYS_POWER_GRIP-AUS_GHS.pdf). These fumes result from thermal degradation of the cyanoacrylate polymer and organic additives, potentially including nitrogen oxides, carbon monoxide, and other decomposition products.

Firefighters responding to incidents involving this product should wear full protective equipment including self-contained breathing apparatus. Toxic fume emission creates secondary hazards beyond the fire itself, particularly in enclosed spaces where fumes accumulate rapidly.

Disposal & Regulatory Compliance

Statement P501 requires disposing of contents and containers in accordance with local, regional, national, and international regulations (SELLEYS_POWER_GRIP-AUS_GHS.pdf). Disposal regulations vary by jurisdiction and change over time — always verify current requirements before disposal.

Do not pour unused adhesive down drains or into waterways. Small quantities can be allowed to cure completely through moisture exposure, after which the solid polymer may be disposed of as non-hazardous waste in many jurisdictions — though local requirements must be confirmed. Containers retaining residual material carry the same hazard characteristics as the product itself and require appropriate disposal channels.

The product's non-classification as Dangerous Goods for transport (SELLEYS_POWER_GRIP-AUS_GHS.pdf) simplifies logistics but does not remove disposal obligations. Organisations using Selleys Power Grip should establish documented disposal procedures consistent with their jurisdiction's hazardous materials management framework.

The Poison Schedule listing as "Not Applicable" (SELLEYS_POWER_GRIP-AUS_GHS.pdf) confirms the product is not scheduled under Australian poisons regulations despite its hazardous GHS classification. This reflects the distinction between acute toxicity and the skin and eye hazard categories that drive the product's classification.

Safe Handling Practices

Beyond the formal precautionary statements, the GHS documentation provides clear operational guidance for minimising exposure risk. Keep containers tightly closed at all times except during active dispensing (SELLEYS_POWER_GRIP-AUS_GHS.pdf) — this reduces vapour release and prevents premature cure that wastes product.

Designate and control work areas so that contaminated clothing and equipment cannot leave the workplace (SELLEYS_POWER_GRIP-AUS_GHS.pdf). This containment approach protects family members at home from handling contaminated work garments without knowing the risks.

All contaminated protective equipment must be washed before reuse (SELLEYS_POWER_GRIP-AUS_GHS.pdf), breaking the cycle of cumulative exposure through repeated use of contaminated garments. Organisations should implement laundering procedures that remove adhesive residue effectively whilst protecting laundry personnel from exposure.

Washing thoroughly after handling (SELLEYS_POWER_GRIP-AUS_GHS.pdf) and before eating, drinking, or using tobacco products (SELLEYS_POWER_GRIP-AUS_GHS.pdf) creates a reliable hygiene barrier against ingestion exposure. Dedicated hand-washing facilities with appropriate soap should be available at work area exits — positioned where they'll actually get used.

References

Source Documents - SELLEYS_POWER_GRIP-AUS_GHS.pdf (canonical)

Frequently Asked Questions

What is Selleys Power Grip: A high-performance fast-bonding cyanoacrylate adhesive

How long does Selleys Power Grip take to achieve initial bond: Approximately 3 minutes

Is Selleys Power Grip classified as hazardous: Yes, under Safe Work Australia GHS 7 criteria

What signal word appears on Selleys Power Grip: Danger

Is Selleys Power Grip classified as Dangerous Goods for transport: No

Does Selleys Power Grip comply with Australian transport regulations: Yes, not classified under Australian Code for Transport of Dangerous Goods by Road & Rail

Does Selleys Power Grip comply with New Zealand transport regulations: Yes, not classified under NZS5433

What sizes does Selleys Power Grip come in: 4g, 5g, 5g Twin Pack, 8g, 10g, and 20g

What is the product code for the 4g size: 101735

What is the product code for the 5g size: 101324

What is the product code for the 5g Twin Pack: 103025

What is the product code for the 8g size: 101736

What is the product code for the 10g size: 101325

What is the product code for the 20g size: 101326

Do all size variants share the same chemical formulation: Yes

What is the primary bonding ingredient in Selleys Power Grip: A cyanoacrylate monomer

What does the cyanoacrylate monomer do: Drives rapid cure and fast-acting bond performance

What is 3-Glycidoxypropyltrimethoxysilane used for in the formula: Acts as a coupling agent for adhesion to glass and metal

What is the CAS number for 3-Glycidoxypropyltrimethoxysilane: 2530-83-8

What concentration is 3-Glycidoxypropyltrimethoxysilane present at: 1–10% w/w

What is Titanium tetrabutanolate used for in the formula: Functions as a Lewis acid catalyst governing cure speed

What is the CAS number for Titanium tetrabutanolate: 5593-70-4

What concentration is Titanium tetrabutanolate present at: 1–10% w/w

Does Titanium tetrabutanolate respond to moisture: Yes, it triggers polymerisation upon humidity exposure

What is N-[3-(Trimethoxysilyl)propyl]ethylenediamine used for: Strengthens adhesion to polymeric substrates

What is the CAS number for N-[3-(Trimethoxysilyl)propyl]ethylenediamine: 1760-24-3

What concentration is N-[3-(Trimethoxysilyl)propyl]ethylenediamine present at: 1–10% w/w

Is Selleys Power Grip classified as flammable: No

Is Selleys Power Grip combustible: Yes

Can Selleys Power Grip emit toxic fumes when burning: Yes

What skin hazard classification does Selleys Power Grip carry: Skin Corrosion/Irritation Category 2

What is the skin irritation hazard statement code: H315

Can Selleys Power Grip cause allergic skin reactions: Yes

What is the allergic skin reaction hazard statement code: H317

What eye hazard category is Selleys Power Grip classified under: Eye Damage/Irritation Category 1

What is the eye damage hazard statement code: H318

Can Selleys Power Grip cause irreversible eye damage: Yes, including corneal burns

Can Selleys Power Grip bond eyelids shut: Yes, within seconds of contact

Does Selleys Power Grip pose a respiratory hazard: Yes, may cause respiratory irritation

What is the respiratory hazard statement code: H335

What PPE is mandatory when using Selleys Power Grip: Protective gloves, clothing, eye/face protection, and suitable respirator

What is the minimum eye protection standard: Chemical goggles

Are standard open-sided safety glasses sufficient eye protection: No

Is a face shield a replacement for chemical goggles: No, it supplements goggles only

What type of respirator is recommended in confined spaces: Organic vapour cartridge respirator

What is the best primary respiratory control: Working outdoors or in well-ventilated areas

What body protection is recommended: Overalls and safety shoes

What must be done with contaminated clothing: Remove it and wash before reuse

Can contaminated work clothing leave the workplace: No

How should hands be washed after handling: Thoroughly with soap and water

When must hands be washed before: Eating, drinking, smoking, or using the toilet

How should Selleys Power Grip be stored: In a well-ventilated place with container tightly closed

Must Selleys Power Grip be stored locked up: Yes

Why must containers be kept tightly closed: To prevent premature polymerisation from moisture exposure

Should children have access to Selleys Power Grip: No, keep out of reach of children

What is the Australian Poisons Information Centre number: 131 126

What is the New Zealand Poisons Information Centre number: 0800 764 766

What should be done if Selleys Power Grip is inhaled: Remove person to fresh air immediately

What should be done if symptoms persist after inhalation: Seek medical advice

What is the first aid response for skin contact: Wash with plenty of soap and water

How long should skin be flushed with water after contact: Minimum 15 minutes

Should skin flushing continue beyond 15 minutes if advised: Yes, until a doctor or Poisons Centre advises to stop

What should be done if skin irritation or rash develops: Seek medical advice

What is the first aid response for eye contact: Irrigate with copious water for 15 minutes with eyelids held open

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

Is emergency medical assistance required for eye contact: Yes, urgently

Can eye damage symptoms be delayed after exposure: Yes

Should vomiting be induced if Selleys Power Grip is swallowed: No

What should be given if the product is swallowed: Rinse mouth with water and give a glass of water to drink

Can anything be given by mouth to an unconscious person: No

What extinguishing agents are suitable for Selleys Power Grip fires: Water fog, alcohol-resistant foam, CO2, or dry chemical powder

Is alcohol-resistant foam preferred over standard foam for fires: Yes

Should firefighters wear breathing apparatus when responding to a fire involving this product: Yes, self-contained breathing apparatus

Does Selleys Power Grip have a Hazchem Code: No

How should Selleys Power Grip be disposed of: In accordance with local, regional, national, and international regulations

Can unused adhesive be poured down drains: No

Is Selleys Power Grip listed under Australian Poison Schedule: Not applicable

What should be available when seeking medical advice after exposure: The product container or label

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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 & Sizing - Product name: Selleys Power Grip - Available sizes and product codes: 4g (101735), 5g (101324), 5g Twin Pack (103025), 8g (101736), 10g (101325), 20g (101326) - All size variants share the same chemical formulation

Regulatory & Transport Classification - Classified as hazardous under Safe Work Australia GHS 7 criteria - Signal word: Danger - Not classified as Dangerous Goods under the Australian Code for the Transport of Dangerous Goods by Road & Rail - Not classified as Dangerous Goods under New Zealand NZS5433: Transport of Dangerous Goods on Land - Poison Schedule listing: Not Applicable (Australian poisons regulations) - No Hazchem Code assigned

Chemical Composition - Primary functional ingredient: Cyanoacrylate monomer (concentration below reporting threshold or non-hazardous; verify against SDS) - 3-Glycidoxypropyltrimethoxysilane: 1–10% w/w, CAS No. 2530-83-8, coupling agent - Titanium tetrabutanolate: 1–10% w/w, CAS No. 5593-70-4, Lewis acid catalyst - N-[3-(Trimethoxysilyl)propyl]ethylenediamine: 1–10% w/w, CAS No. 1760-24-3, silane/amine adhesion component - Remainder to 100%: ingredients determined non-hazardous or below reporting limits

Hazard Classifications (GHS) - Skin Corrosion/Irritation Category 2 — H315: Causes skin irritation - Skin Sensitisation — H317: May cause an allergic skin reaction - Eye Damage/Irritation Category 1 — H318: Causes serious eye damage - Specific Target Organ Toxicity (Single Exposure) — H335: May cause respiratory irritation - Combustible material; not classified as flammable - May emit toxic fumes when burning or decomposing

Precautionary Statements (GHS) - P261: Avoid breathing dust, fume, gas, mist, vapours, or spray - P264: Wash hands, face, and all exposed skin thoroughly after handling - P271: Use only outdoors or in well-ventilated areas - P272: Contaminated work clothing must not leave the workplace - P280: Wear protective gloves, protective clothing, eye/face protection, and suitable respirator - P302+P352: IF ON SKIN — wash with plenty of water and soap - P304+P340: IF INHALED — remove person to fresh air and keep comfortable for breathing - P305+P351+P338: IF IN EYES — rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing - P310: Immediately call a Poison Centre or doctor - P333+P313: If skin irritation or rash occurs, seek medical advice - P362+P364: Remove contaminated clothing and wash before reuse - P403+P233: Store in a well-ventilated place with container kept tightly closed - P405: Store locked up - P102: Keep out of reach of children - P101: Have product container or label available when seeking medical advice - P103: Read and follow all instructions carefully - P501: Dispose of contents and container in accordance with local, regional, national, and international regulations

PPE Requirements (from SDS) - Minimum eye protection: Chemical goggles - First aider PPE: Chemical goggles, safety shoes, overalls - Respirator: Required; organic vapour cartridge type specified for confined spaces or prolonged use

First Aid — Emergency Contacts - Australia Poisons Information Centre: 131 126 - New Zealand Poisons Information Centre: 0800 764 766 - Minimum skin flush duration: 15 minutes continuous running water - Eye irrigation duration: 15 minutes with eyelids held open - Ingestion: Do not induce vomiting; rinse mouth and give water to drink - Physician guidance: Treat symptomatically; effects may be delayed; product can cause corneal burns

Performance Specification - Initial bond time: Approximately 3 minutes

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General Product Claims

- Delivers "reliable, lasting adhesion" Selleys is known for - Described as a "high-performance adhesive" - Size range stated as "built to match any project scale or usage frequency" - Non-Dangerous Goods classification characterised as meaning "straightforward logistics and storage compliance — one less thing to worry about on the job" - Silane chemistry described as delivering "bond durability that holds up even in moisture-exposed environments" - Titanium tetrabutanolate described as contributing to "final polymer properties" - N-[3-(Trimethoxysilyl)propyl]ethylenediamine described as contributing to the product's "alkaline character" - Water fog described as "preferred" extinguishing method over direct water streams - Alcohol-resistant foam characterised as preferred over standard foam due to potential breakdown with adhesive chemistries - Locked storage described as keeping product away from "untrained personnel and anyone unfamiliar with correct handling procedures" - Dedicated hand-washing facilities described as should be "positioned where they get used, every time" - Solid cured polymer described as potentially disposable as non-hazardous waste in many jurisdictions (jurisdiction-dependent; not a label fact)

Related Products & Brand Context

Selleys Power Grip sits within the **Selleys** brand's adhesives and glues range, under the broader **Home & Garden > Adhesives & Glues** category. Selleys is a division of DuluxGroup (Australia) Pty Ltd, a company widely known across the Australian and New Zealand market for paints, coatings, and home maintenance products. Within that portfolio, Selleys handles the sealants, adhesives, fillers, and cleaning products segment, making Power Grip a natural fit alongside other repair and bonding solutions the brand offers.

Within the Power Grip product line itself, the same cyanoacrylate formula is available across six packaging configurations — 4g, 5g, 5g Twin Pack, 8g, 10g, and 20g — allowing buyers to choose a size suited to the scale of their project. The 5g Twin Pack is a practical option for households that use

the product regularly, since cyanoacrylate adhesives can cure inside the nozzle between uses. The larger 10g and 20g sizes are better suited to workshop or trade settings where multiple repairs are anticipated.

In terms of category position, Power Grip is an all-purpose super glue rather than a specialist structural adhesive or expanding foam. Its non-drip, high-viscosity formula (20,000–35,000 mPa.s) and precision-control bottle place it toward the controlled-application end of the cyanoacrylate spectrum — more suitable for detailed repair work on materials like ceramics, china, metal, wood, and rigid plastics than for large-surface bonding. The clear-drying finish makes it particularly appropriate where appearance matters, such as repairs to crockery or decorative items.

Someone reaching for Power Grip is likely to also need surface preparation products — a degreaser or isopropyl alcohol wipe to clean bonding surfaces before application, since cyanoacrylate adhesives cure poorly on oily or dusty substrates. Acetone-based debonders are also a practical companion purchase, given the "Danger" hazard classification and the product's skin-bonding risk noted in its GHS 7 safety data.