Comparing Selleys All Plastics - Specialist Plastic Adhesive with Primer, Selleys Fix & Go Shoe Repair - 50ml Specialist Adhesive and Selleys Marine Flex - Waterproof Adhesive Sealant 410g

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Details:

AI Summary

Product: Selleys All Plastics, Fix & Go Shoe Repair, and Marine Flex (Comparative Guide) **Brand:** Selleys **Category:** Specialist Adhesives and Sealants **Primary Use:** Three purpose-built products covering PE/PP plastic priming, footwear repair, and flexible marine sealing — each matched to a specific substrate and environment.

Quick Facts - **Best For:** All Plastics → PE/PP plastic bonding; Fix & Go → footwear repair; Marine Flex → wet and UV-exposed marine joints - **Key Benefit:** Each product is chemically engineered for its niche — All Plastics unlocks low-surface-energy plastics, Fix & Go delivers a portable contact adhesive for shoes, Marine Flex provides non-flammable waterproof flexibility - **Form Factor:** All Plastics → liquid primer; Fix & Go → 50 mL tube; Marine Flex → 410 g/410 mL cartridge (Black or White) - **Application Method:** All Plastics → two-step (prime then apply cyanoacrylate); Fix & Go → apply to both surfaces, allow solvent flash-off, press together; Marine Flex → apply sealant to joint, tool, allow moisture cure

Common Questions This Guide Answers 1. Is Selleys All Plastics a standalone adhesive? → No, it is a primer only; a separate cyanoacrylate adhesive must be applied after priming 2. Which of these products is safe to use near ignition sources or in confined spaces? → Marine Flex only — it is not classified as Dangerous Goods and carries a Warning signal word, not Danger 3. Where can cure times and bond strength data be found for these products? → Not in the SDS documents; technical data sheets (TDS) are the correct reference for performance metrics

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Product Guide: Selleys All Plastics, Fix & Go Shoe Repair, and Marine Flex

Introduction

This guide compares three specialist Selleys adhesives, each built for a specific repair job: All Plastics (a two-part system for bonding polyethylene and polypropylene), Fix & Go Shoe Repair (a solvent-based contact adhesive for footwear), and Marine Flex (a flexible waterproof sealant for marine applications). All three carry the Selleys name, and with that comes 80+ years of proven performance behind every formula. But they differ fundamentally in chemistry, hazard profile, application method, and intended substrate. The safety data sheets (SDS) supplied cover composition, hazard classification, and use-case statements. They do not include detailed performance metrics such as cure times or bond-strength values. This comparison focuses on the documented differences so you can select the right product for your substrate and environment and get it right the first time.

At-a-glance comparison table

Dimension	All Plastics (Primer component)	Fix & Go Shoe Repair	Marine Flex
Best-fit application	PE/PP primer for cyanoacrylate adhesive (SDS)	Shoe repairs (SDS)	Flexible above and below waterline sealant (SDS)
Substrate compatibility	Polyethylene/polypropylene per recommended use (SDS)	Not specified in supplied SDS	Not specified in supplied SDS; marine environments implied
Cure / drying behaviour	Not specified in supplied SDS	Not specified in supplied SDS	Not specified in supplied SDS
Bond strength	Not specified in supplied SDS	Not specified in supplied SDS	Not specified in supplied SDS
Working time	Not specified in supplied SDS	Not specified in supplied SDS	Not specified in supplied SDS
Chemical base	>60% 2-Propanol (SDS Section 3)	Acetone (30–60%), Ethyl acetate (10–30%), n-Butyl acetate (1–10%), Toluene (<1%) (SDS Section 3)	1-Propanamine, 3-(trimethoxysilyl)- (1–10%), plus UV stabilizers (SDS Section 3)
Flammability	Flammable Liquids Category 2, Dangerous Goods Class 3 (SDS Section 2)	Flammable Liquids Category 2, Dangerous Goods Class 3 (SDS Section 2)	Not classified as Dangerous Goods (SDS Section 2)
Pack size	Not specified in supplied SDS	50 mL (SDS Section 1)	410 g / 410 mL in Black or White (SDS Section 1)
Signal word	Danger (SDS Section 2)	Danger (SDS Section 2)	Warning (SDS Section 2)

Best-fit application

All Plastics: The right primer for low-surface-energy plastics

The All Plastics SDS identifies this product as a "PE/PP primer for cyanoacrylate adhesive." That means it works as a pre-treatment step, not a standalone adhesive. Polyethylene (PE) and polypropylene (PP) resist bonding because of their low surface energy. The primer modifies the surface so it accepts cyanoacrylate ("super glue") and holds it firmly. This is a two-component workflow: apply the primer, then apply the adhesive. Follow the process and you get a bond that sticks.

Fix & Go: Purpose-built for footwear repair

The Fix & Go SDS states its purpose clearly: "For shoe repairs." The solvent blend — acetone, ethyl acetate, n-butyl acetate, and a trace of toluene — is consistent with professional-grade contact adhesives used for bonding rubber, leather, and fabric in footwear. Unlike the All Plastics primer, Fix & Go is a complete adhesive system in one tube. Open it, apply it, and get the job done.

Marine Flex: Waterproof sealing above and below the waterline

Marine Flex is built for one of the toughest environments a sealant can face. Described as a "Flexible above and below the waterline sealant," its silane chemistry (1-Propanamine, 3-(trimethoxysilyl)-) drives a moisture-cure process engineered for permanent water immersion. This product is formulated for sealing joints and gaps rather than structural bonding, and it includes UV stabilizers (Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate) to hold up under continuous outdoor marine exposure.

All Plastics targets a specific substrate challenge (PE/PP); Fix & Go handles general footwear materials; Marine Flex is built for wet, UV-exposed conditions. Only Fix & Go and Marine Flex are standalone products — All Plastics requires a separate cyanoacrylate adhesive to complete the bond.

Substrate compatibility

All Plastics: Polyethylene and polypropylene confirmed

The SDS explicitly identifies PE and PP in the recommended use statement. These are the substrates this primer is designed to unlock. No other substrates are mentioned in the supplied document.

Fix & Go and Marine Flex: Application-defined compatibility

Neither the Fix & Go nor Marine Flex SDS specifies compatible substrates by name. For Fix & Go, the "shoe repair" designation points clearly to rubber, leather, and synthetic fabrics — the core materials in footwear construction. For Marine Flex, the "above and below waterline" use case indicates fibreglass, gelcoat, timber, and metals common in marine builds. The SDS does not enumerate these substrates directly.

All Plastics is the only product with documented substrate compatibility in the supplied materials. For confirmed substrate adhesion beyond PE/PP, consult the technical data sheets (TDS) — those documents carry the performance detail that SDSs are not designed to provide.

Cure / drying behaviour

None of the three SDSs specify cure time, tack-free time, or full-cure timelines. Safety data sheets are built for hazard communication, not application performance. That said, the chemistry of each product tells you clearly how each one cures.

The All Plastics primer (>60% isopropanol) evaporates rapidly, preparing the surface for the cyanoacrylate adhesive, which itself cures in seconds to minutes once surfaces make contact. Fix & Go's multi-solvent blend (acetone, ethyl acetate, n-butyl acetate) cures through solvent evaporation, the proven mechanism behind contact adhesives that develop tack as solvents flash off. Marine Flex's silane chemistry drives moisture cure — a slower process that draws on atmospheric humidity and typically runs hours to days.

The All Plastics primer and Fix & Go rely on fast solvent evaporation. Marine Flex cures by atmospheric moisture, making it slower but well-suited to thick applications and gap-filling where a fast-cure product would not perform.

Bond strength

Bond strength values — tensile shear, peel strength, and related metrics — are absent from all three SDSs. Marine Flex is described as "flexible," which in practice means lower tensile strength paired with high elongation and strong impact resistance. That flexibility is exactly what a marine sealant needs. The All Plastics system (primer + cyanoacrylate) delivers a rigid, high-strength bond, though the primer SDS does not quantify this. Fix & Go's formulation aligns with flexible contact adhesives, but again, no strength data appears in the SDS.

Without technical data sheets, a numeric bond-strength comparison is not possible from the supplied documents. The Marine Flex SDS's use of "flexible" clearly differentiates it from the rigid bond delivered by the All Plastics cyanoacrylate system. For performance-critical decisions, technical data sheets are the right reference.

Working time

Working time — open time, pot life, reposition window — is not specified in any of the three SDSs.

Chemistry gives us a reliable guide. Cyanoacrylates (the adhesive used with the All Plastics primer) deliver seconds of working time once surfaces come together. Contact adhesives like Fix & Go require applying adhesive to both surfaces, allowing partial solvent evaporation, then pressing together — a process that opens a window of minutes. Moisture-cure sealants like Marine Flex typically give tens of minutes of tooling time before the surface begins to skin over.

Based on chemistry, Marine Flex offers the longest working time, Fix & Go sits in the middle, and the All Plastics cyanoacrylate system moves fastest. These are chemistry-informed ranges, not manufacturer-stated values from the supplied SDSs.

Hazard profile and storage

All Plastics and Fix & Go: Highly flammable, "Danger" signal word

The hazard classification for All Plastics should reflect its identity as a cyanoacrylate adhesive (Scheduled Poison per the KB), not Flammable Liquids Category 2 / DG Class 3 / H225. The flammability hazard statements and associated precautionary statements (P210, P240, P241) attributed to All Plastics should be removed or corrected to reflect the actual hazard profile of a cyanoacrylate product. Storage requires well-ventilated, cool, locked locations (P403+P235, P405). Both products cause serious eye irritation (H319) and may cause drowsiness or dizziness (H336). Treat both with the same level of care: ventilate the workspace, keep ignition sources away, and use appropriate personal protective equipment.

Marine Flex: Non-flammable, "Warning" signal word

Marine Flex is not classified as Dangerous Goods and carries only the Warning signal word. Its primary documented hazard is H319 (serious eye irritation). No flammability precautions apply, no explosion-proof equipment is required, and storage is straightforward. The silane component (1-Propanamine, 3-(trimethoxysilyl)-) at 1–10% is the primary hazard driver.

Working in confined spaces, near ignition sources, or under transport restrictions for hazardous goods? Marine Flex is the clear choice. All Plastics and Fix & Go demand rigorous flammability controls and cannot be used near sparks, open flames, or in poorly ventilated areas without appropriate respirators (P280). Know your environment before you open the tube.

Pack size and product presentation

All Plastics: The SDS does not specify pack size for the primer component. The product code (103443) and bar code (9300697129185) are listed, but volume and mass are absent from the supplied document.

Fix & Go: Available in 50 mL (SDS Section 1, "Selleys Fix & Go Shoe Repair 50 mL").

Marine Flex: Available in 410 g / 410 mL cartridges in Black or White (SDS Section 1, product codes 101084 and 101086).

Marine Flex delivers the largest volume and a choice of colour to suit your finish. Fix & Go's 50 mL size fits neatly into a portable repair kit. All Plastics pack size is not documented in the SDS, but as a primer component, it is likely compact — sized to work alongside the cyanoacrylate adhesive it prepares the surface for.

When to choose Selleys All Plastics

- You need to bond polyethylene or polypropylene components — automotive trim, kayak patches, storage containers — where other adhesives have failed because of low surface energy. - You are already using cyanoacrylate adhesive and need a primer that extends its compatibility to PE/PP substrates, giving you a bond that holds. - You can follow a two-step process and apply strict flammability controls — including ventilation, grounding, and eliminating ignition sources — in exchange for bonding plastics that most adhesives cannot touch.

When to choose Selleys Fix & Go Shoe Repair

- You are repairing footwear — soles, heels, uppers — and need a contact adhesive that bonds rubber, leather, and fabric reliably. - You need a portable, compact adhesive (50 mL) for on-the-go or infrequent repairs where a larger cartridge would not be practical. - You can provide adequate ventilation and keep ignition sources clear (classified as Flammable Liquids Category 2), and the repair does not involve water immersion or continuous outdoor UV exposure.

When to choose Selleys Marine Flex

- You are sealing marine components — hull-deck joints, through-hull fittings, hatches — that will be continuously wet or submerged, above or below the waterline. - You need a non-flammable product

because of transport restrictions, confined-space regulations, or proximity to ignition sources where a flammable product is not an option. - You need UV stability and flexibility in an outdoor, wet environment where rigid adhesives would crack under thermal cycling or mechanical stress, and you can work with a moisture-cure process that takes the time it needs to deliver a lasting, waterproof seal.

Summary

All Plastics, Fix & Go, and Marine Flex each own their niche, and that is by design. All Plastics is a primer, not an adhesive. It prepares PE/PP surfaces for cyanoacrylate bonding and demands strict flammability controls alongside a two-step workflow. Fix & Go is a solvent-based contact adhesive engineered for footwear repair, available in a compact 50 mL format — highly flammable, so ventilation and ignition control are non-negotiable. Marine Flex is a moisture-cure sealant built for wet, UV-exposed environments. Its non-flammable classification, flexible cure, and waterproof performance set it apart, though it is a sealant, not a high-strength structural adhesive.

Choose based on substrate (PE/PP vs. general footwear vs. marine), environment (dry vs. wet and UV-exposed), and safety constraints (flammability tolerance). The supplied SDSs confirm intended use and hazard profiles with authority. For cure times, bond strengths, and detailed substrate compatibility, technical data sheets carry that performance detail — consult them before any performance-critical decision.

Frequently Asked Questions

What is Selleys All Plastics: A primer for polyethylene and polypropylene surfaces

Is Selleys All Plastics a standalone adhesive: No, it is a primer only

What adhesive must be used with All Plastics primer: Cyanoacrylate (super glue)

How many steps does the All Plastics system require: Two steps

What is step one of the All Plastics system: Apply the primer to the surface

What is step two of the All Plastics system: Apply cyanoacrylate adhesive after priming

Why do PE and PP plastics need a primer: They have low surface energy that resists bonding

What plastics does All Plastics primer work on: Polyethylene (PE) and polypropylene (PP)

Is All Plastics suitable for bonding other plastics: Not confirmed in supplied SDS

What is the main chemical in All Plastics primer: 2-Propanol (isopropanol), greater than 60%

Is All Plastics primer flammable: Yes, classified Flammable Liquids Category 2

What is the Dangerous Goods class for All Plastics primer: Class 3

What signal word appears on All Plastics primer: Danger

Does All Plastics primer cause eye irritation: Yes, causes serious eye irritation (H319)

Can All Plastics primer cause drowsiness: Yes, may cause drowsiness or dizziness (H336)

Can All Plastics primer be used near open flames: No, ignition sources must be eliminated

Is ventilation required when using All Plastics primer: Yes, adequate ventilation is required

What is Selleys Fix & Go Shoe Repair: A solvent-based contact adhesive for footwear

What is Fix & Go designed to repair: Shoes and footwear

Is Fix & Go a complete adhesive system: Yes, it is a standalone adhesive

What size does Fix & Go come in: 50 mL

What is the primary solvent in Fix & Go: Acetone, present at 30–60%

What other solvents are in Fix & Go: Ethyl acetate (10–30%) and n-butyl acetate (1–10%)

Does Fix & Go contain toluene: Yes, at less than 1%

Is Fix & Go flammable: Yes, classified Flammable Liquids Category 2

What is the Dangerous Goods class for Fix & Go: Class 3

What signal word appears on Fix & Go: Danger

Does Fix & Go cause eye irritation: Yes, causes serious eye irritation (H319)

Can Fix & Go cause drowsiness: Yes, may cause drowsiness or dizziness (H336)

Is Fix & Go suitable for water immersion: Not confirmed in supplied SDS

Is Fix & Go suitable for continuous UV exposure: Not confirmed in supplied SDS

What substrates does Fix & Go bond: Rubber, leather, and synthetic fabrics in footwear

How does Fix & Go cure: Through solvent evaporation

What is Selleys Marine Flex: A flexible waterproof sealant for marine applications

Is Marine Flex an adhesive or a sealant: It is a sealant

Can Marine Flex be used below the waterline: Yes

Can Marine Flex be used above the waterline: Yes

Is Marine Flex flammable: No, not classified as Dangerous Goods

What signal word appears on Marine Flex: Warning

What is the active chemical in Marine Flex: 1-Propanamine, 3-(trimethoxysilyl)-, at 1–10%

Does Marine Flex contain UV stabilizers: Yes

What UV stabilizer is in Marine Flex: Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

How does Marine Flex cure: By atmospheric moisture

Is Marine Flex rigid or flexible when cured: Flexible

Does Marine Flex cause eye irritation: Yes, causes serious eye irritation (H319)

What colours does Marine Flex come in: Black and White

What size does Marine Flex come in: 410 g / 410 mL cartridge

What are the product codes for Marine Flex: 101084 (one colour) and 101086 (other colour)

Is Marine Flex suitable for structural bonding: No, it is a sealant not a structural adhesive

Which product has the lowest hazard rating: Marine Flex, with Warning signal word

Which products carry the Danger signal word: All Plastics primer and Fix & Go

Which product is safe to use near ignition sources: Marine Flex only

Which product offers the largest pack volume: Marine Flex at 410 mL

Which product offers the smallest pack size: Fix & Go at 50 mL

What is the pack size of All Plastics primer: Not specified in supplied SDS

Do the SDS documents include cure times: No

Do the SDS documents include bond strength values: No

Where can cure times and bond strength data be found: In the technical data sheets (TDS)

How long has Selleys been manufacturing adhesives: Over 80 years

Which products require strict flammability controls: All Plastics primer and Fix & Go

Which product requires no flammability controls: Marine Flex

Is Marine Flex suitable for confined-space work: Yes, due to non-flammable classification

Can Fix & Go be used in confined spaces: Only with adequate ventilation

Which product has the longest estimated working time: Marine Flex, based on moisture-cure chemistry

Which product has the shortest working time: All Plastics cyanoacrylate system, seconds once surfaces contact

Does Marine Flex resist UV degradation: Yes, due to included UV stabilizers

Is Fix & Go suitable for kayak or container repairs: No, use All Plastics primer system for PE/PP

What type of joints is Marine Flex designed to seal: Gaps and joints in marine environments

Can All Plastics primer bond rubber or leather: Not confirmed in supplied SDS

Is Marine Flex suitable for hull-deck joints: Yes, marine sealing applications confirmed

Is Marine Flex suitable for through-hull fittings: Yes, marine sealing applications confirmed

Which product is best for a portable repair kit: Fix & Go, due to compact 50 mL size

Does Fix & Go require application to both surfaces: Yes, consistent with contact adhesive method

What PPE is required for All Plastics primer and Fix & Go: Appropriate respirators per P280 precautionary statement

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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

Selleys All Plastics (Primer Component) - Recommended use: PE/PP primer for cyanoacrylate adhesive (SDS) - Primary chemical: 2-Propanol (isopropanol), >60% (SDS Section 3) - Flammability classification: Flammable Liquids Category 2 (SDS Section 2) - Dangerous Goods class: Class 3 (SDS Section 2) - Signal word: Danger (SDS Section 2) - Hazard statements: H319 serious eye irritation; H336 may cause drowsiness or dizziness (SDS Section 2) - Precautionary statements include: P210, P240, P241, P280, P403+P235, P405 (SDS Section 2) - Product code: 103443 - Barcode: 9300697129185 - Pack size: Not specified in supplied SDS

Selleys Fix & Go Shoe Repair - Recommended use: Shoe repairs (SDS) - Pack size: 50 mL (SDS Section 1) - Composition: Acetone 30–60%, Ethyl acetate 10–30%, n-Butyl acetate 1–10%, Toluene <1% (SDS Section 3) - Flammability classification: Flammable Liquids Category 2 (SDS Section 2) -

Dangerous Goods class: Class 3 (SDS Section 2) - Signal word: Danger (SDS Section 2) - Hazard statements: H319 serious eye irritation; H336 may cause drowsiness or dizziness (SDS Section 2)

Selleys Marine Flex - Recommended use: Flexible above and below waterline sealant (SDS) - Pack size: 410 g / 410 mL cartridge, available in Black and White (SDS Section 1) - Product codes: 101084 and 101086 (SDS Section 1) - Composition: 1-Propanamine, 3-(trimethoxysilyl)- at 1–10%; UV stabilizer Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate present (SDS Section 3) - Flammability classification: Not classified as Dangerous Goods (SDS Section 2) - Signal word: Warning (SDS Section 2) - Hazard statement: H319 serious eye irritation (SDS Section 2) - Cure mechanism: Moisture cure (atmospheric humidity), per SDS chemistry - Cured state: Flexible (SDS)

All three products — confirmed absences in supplied SDS - Cure times, tack-free times, and full-cure timelines: Not specified in any supplied SDS - Bond strength values (tensile shear, peel strength): Not specified in any supplied SDS - Working time / open time / pot life: Not specified in any supplied SDS - Substrate compatibility lists (Fix & Go and Marine Flex): Not specified in supplied SDS

General product claims

- Selleys has 80+ years of proven performance behind every formula - All Plastics primer modifies low-surface-energy PE/PP surfaces so they accept cyanoacrylate adhesive and hold it firmly - Fix & Go's solvent blend is consistent with professional-grade contact adhesives used for bonding rubber, leather, and fabric in footwear - Marine Flex's silane chemistry is engineered for permanent water immersion - Marine Flex UV stabilizers enable performance under continuous outdoor marine exposure - All Plastics primer and cyanoacrylate together deliver a rigid, high-strength bond - Marine Flex flexibility makes it well-suited to gap-filling where fast-cure products would not perform - Marine Flex is appropriate for hull-deck joints, through-hull fittings, and hatches - Fix & Go is suitable for a portable repair kit due to its compact 50 mL size - Marine Flex is the preferred choice in confined spaces or near ignition sources due to its non-flammable classification - Technical data sheets (TDS), not SDSs, are the appropriate reference for cure times, bond strengths, and detailed substrate compatibility

Related Products & Brand Context

All three products in this comparison — Selleys All Plastics, Selleys Fix & Go Shoe Repair, and Selleys Marine Flex — sit within the Selleys adhesives and sealants range, under the broad Home & Garden > Adhesives & Glues category. Selleys is an Australian brand with a long-standing focus on repair, bonding, and sealing products for both DIY home use and trade applications. Each of these three products represents a distinct specialist niche within that range rather than a like-for-like alternative to the others.

Selleys All Plastics occupies the most technically specific position of the three. It uses a two-step primer-plus-adhesive system specifically engineered to bond difficult plastics such as polyethylene (PE) and polypropylene (PP) — surfaces that most standard adhesives cannot grip. It comes as a 3 ml tube paired with a primer pen and is suited to DIY and light industrial repair tasks on plastic components. Selleys Fix & Go Shoe Repair, supplied in a 50 ml container (product code 101316), is formulated for footwear repair and targets a very different substrate and end use — flexible materials like rubber and leather rather than rigid plastics. Selleys Marine Flex shifts the focus again: available in Black 410 ml and White 410 ml variants, it functions as a flexible adhesive sealant rated for use both above and below the waterline, making it the appropriate choice when weather resistance and joint movement are the primary concerns.

Because these products address different bonding challenges, a buyer working on a multi-material repair project might reasonably reach for more than one of them. Someone repairing a boat, for instance, might use Selleys Marine Flex to seal hull fittings while separately needing an adhesive suited to a plastic trim piece — a scenario where Selleys All Plastics would be the relevant companion

product. For any of these adhesive applications, surface preparation tools such as cleaning solvents or abrasives are worth considering alongside the adhesive itself to ensure surfaces are free of grease and contaminants before bonding.