

The 10 Best Rust Converter in 2023 (Review Guide)

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Here's what you need to know about finding the best rust converter for your car. This is the Linquip guide. For those who are concerned about rust converters and removers to save high costs for replacing panels once the problem has not been resolved, please read on. We have compiled a buying guide and reviews of some of the best products in this category.

The information you need about rust converters is at Linquip, so you don't have to worry. Linquip aims to provide you with the best rust converters on the market so that you can do your job more effectively. Visit Linquip's "[What Is Cleaning?](#)" page for a basic understanding of what Linquip offers for preventing corrosion on your intended surface.

Would you like to purchase a rust converter for your use? Linquip's website offers an extensive database of [Cleaning Products](#) that you can search through free of charge and find the products that you need. If you are looking for the price of rust converters and removers, then Linquip can help you. You can quickly request free quotes from a variety of [Cleaning Suppliers and Companies](#) using Linquip, and you will receive them within a short period of time.

Corrosion resistance has changed drastically between vehicles of 30 years ago and those of today, and many manufacturers offer a lengthy corrosion warranty on their cars. Even though it's less common than it once was, vehicle owners should still keep an eye on rust prevention. It is possible to damage the finish of a vehicle even by leaving even the tiniest bit of surface rust unattended. It is also possible to weaken the structural integrity of a vehicle by eating away at body panels on both sides.

Waiting too long before addressing rust development will result in it spreading more quickly and making the repair more expensive and difficult. Those who live in colder climates with seasonally salted roads or in areas where there is a lot of water should be especially vigilant about possible problem areas.



What is rust a converter used for (Reference: [autoquarterly.com](https://www.autoquarterly.com))

To beat any chance of rot, it's always best to take preventative measures since rust can form anywhere. The top-rated rust converters, removers, and preventative coatings on this list will slow or stop the rust if you've already found cracks under the paint, surface rust coating your vehicle's wheel wells, or holes forming in your floorboards.

Basics of Rust Converter

Probably, you are aware of how annoying and costly it can be to remove years of rust and corrosion from metal parts. Despite its simplicity, rust only continues to grow once it appears. With time, rust literally eats away at the metal, leaving holes and destroying the appearance of different tools and components. Rust weakens and destroys everything where it's present, so you can't allow it to get out of control. Eventually, you'll have irreversible deterioration.

Rust is a problem that plagues all vehicles irrespective of their age. The presence of rust on a car or other surface will eventually cause corrosion and holes that cannot be repaired. Because of this, it's vital to remove rust with a rust converter that will also protect metal surfaces from corrosion in the future. Wire brushes or steel wool can be used to remove stubborn rust, which should be rinsed well before applying the converter.

A number of factors can contribute to corrosion, including environmental conditions and poor maintenance. For most of us, it isn't feasible to go to a mechanic or body shop for cosmetic issues due to the cost. It's cost-effective to use rust converters to solve small rust issues.

If you don't treat rust properly, a stone chip or scratch on the bodywork can grow into a nasty blister. If you want to remove rust quickly and safely, it would be best to use a rust converter instead of a wire brush or strong acidic chemicals that require hours of work. These products stop corrosion in the metal using special ingredients, which neutralize corrosion and allow it to be painted over.

When rust forms, it's hard to remove. Fortunately, there are solutions, such as rust converters and removers. Rust converters and removers are chemicals that take oxidation – or rust – and eliminate it. As they literally convert rust into a new substance, these products may even prevent further corrosion and rust.

Using a quality rust converter will keep the surface looking new and prolong the item's life while saving money. Almost any metal surface can be treated with rust converters, including outdoor furniture, the exterior of a car, and rain gutters.

Protective clothing, such as masks, gloves, and eyewear, should be worn when applying rust converters. Additionally, it should be used outside, where it can be ventilated well.

Types of Rust Converters

There are three basic forms of rust converters:

Liquid

Rust converters are most commonly in liquid form. It is generally the same application process no matter what product thicknesses are used. After some prep work, you can paint on, submerge, or spray the chemical with a spray gun. Depending on your project, you will need to choose the easiest and best method.

Gel

A gel form of rust converter is also available. Using them with sprayers is not possible. They have an advantage over liquids in that they don't drip if applied heavily. It is best to paint or roll the gel onto the metal surface and allow it to dry.

Spray

Some rust-removing products are aerosol sprays, while others are liquid removers that can be sprayed with a spray gun. Compared to other methods, this one is typically faster to apply. Since spray cans come in small quantities, they might be challenging to use for large restoration projects.

Rust Converter Buying Guide

If you are planning to convert rust on your car, take a moment to think about it. All manufacturers do not produce the same type and quality of the product. Buying one of these chemicals isn't worth risking your money on a chemical that won't work for you. Every vehicle and every owner are unique.

Preparation

Before applying, check to see if any vehicle preparation is needed. Purchasing special products and scrubbing the vehicle beforehand is not something everyone is interested in doing.

Application Method

Your choice of product will determine the application method. There are different applications for liquid, gel, and powder rust converters.

To find out what you should expect, check the guidelines. Does it need to be mixed with water? Would it be possible to use it immediately afterward, or would you have to wait until it has set? Is it necessary to shake or stir it repeatedly?

When you're just treating one small area, this may seem like a lot of work.

When dealing with a significant amount of oxidation, you may want something that can be applied quickly and easily.

Check out the container as well. Liquid variations require dilution, so they should be easy to pour and measure. Cold weather can make it challenging to pour thicker gels. When you are applying powder to vertical spots, it can be challenging.

Is the product supplied with tools, or do you need to bring your own? As an example, you may have to provide an applicator or brush.

Curing and Drying Time

In making your selection, this may be one of the most important factors. It may be necessary to wait several hours for certain brands to dry. Having a garage might make drying and curing less of a concern. In any case, those of you without sheltered parking are advised to read the instructions carefully.

If it rains suddenly, your chosen solution can be washed away before it has a chance to dry, or even over non-oxidized paintwork, damaging it. Some products may not work effectively if it's too cold or hot outside.

Toxicity, Safety, and Cleanup

When working with chemicals, safety should always be a priority. If you're treating the corrosion yourself, you'll need to be hands-on. You will have to apply it to the area you wish to treat. The product may then need to be cleaned off. There are some types that can be easily removed with just soap and water.

However, more thorough cleaning might require specialized detergents for other converters. Alternatively, you can choose a brand that specifies easy cleanup.

Take a moment to consider the types that are available. A rust converter spray or gel might be a better choice if you're worried about handling the product. Accidental inhalation of powders and spills of liquids are possible.

Additionally, certain formulas are created with safety in mind. Their low toxicity makes them suitable for indoor use. Others require outdoor use or a well-ventilated area because they are stronger.

Rust converters contain some chemicals that, if inhaled, can cause respiratory issues. Leaving them on your skin can result in chemical burns. It is always advisable to take extra precautions when applying treatments to your vehicle of this nature.

Coverage

Rust converters on the market generally state their coverage per gallon. It is important to consider the coverage when pricing and evaluating the ease of use. When looking at a high-priced brand, make sure the level of protection is worth the cost.

Best Rust Converter Reviews

Here are our picks for the best corrosion-fighting products on the market.

1. FDC Rust Converter Ultra- 1 gallon



FDC Rust Converter Ultra – 1 gallon (Reference: greengobbler.com)

Pros & Cons

Pros

- A generous amount of coverage is provided per bottle.
- The time to dry is short.
- The product can be used right out of the bottle.
- Soap and water are sufficient for cleaning off application equipment.
- Primer is not necessary before painting.
- Offers more than just an automobile treat.

Cons

- Unless painted, it can wash off over time.
- The surrounding metal may be left with a sheen.
- Curing time is long.

Specifications

Paint Type	Oil
Volume	1 gallon
Full Cure Time	48 Hours
Coverage	500 square feet per gallon (on smooth surfaces)

General Description

This multipurpose liquid product might be useful if you have multiple cars or areas to treat. It only takes one or two thin coats of this solution to combat corrosion. In this way, a one-gallon container is likely to last a long time. Coverage is rated at 500 square feet, provided that you are not treating porous metals. You'll be able to get rid of any oxidizing scratches and dents on your car with just that amount of protection.

This brand is known for its convenience. A shake of the bottle is all it takes to activate it. Using a brush, spray, or roller, you can apply the liquid to the rusted metal after it has been thoroughly cleaned.

The application equipment doesn't need to be trashed when you're done. Simple soap and water will clean your brush or roller. In just 20 minutes, it dries completely. A 48-hour waiting period is recommended before painting over the treated areas. You don't need a primer. You can paint over the converted corrosion directly with any automotive paint.

Ultra can also be used on other things besides automobiles. Any metal surface can be used with it. You can rejuvenate railings, shovels, machines, and anything else you want.

2. Corroseal Water-Based Rust Converter



Corroseal Water-Based Rust Converter (Reference: corroseal.co.uk)

Pros & Cons

Pros

- This is a safer alternative than other options.
- A variety of bottle sizes are available.
- Easy to follow instructions.
- Primer included.
- Easily applied.
- Almost no preparation is required for automobiles

Cons

- After treatment, paint must be applied as soon as possible.
- Larger containers make measuring out the product difficult.
- It is ineffective against advanced metal degradation.

Specifications

Weight	9.96 Pounds
Volume	1 gallon
Full Cure Time	24 Hours
Coverage	200 to 250 square feet per gallon

General Description

Professionals regularly praise Corroseal as one of the most effective products on the market, suggesting it is well worth the extra financial investment.

The viscosity of Corroseal makes it stand out from other products. Corroseal is thicker than the other products although not enough to prevent spraying. Its thickness gives it a few advantages over the other products in terms of performance. The first advantage of Corroseal is that it will not need to be applied as frequently as other rust converters. A single application will suffice in most cases, but two will yield even better results.

In fact, even with medium rust projects, it's almost unheard of to require more than two applications.

That performance, however, often depends on a better starting condition. In spite of its ability to work well with medium rusted metal, Corroseal does not work well with shingle metals. A thicker rust converter is not easily able to fit into the small space between flaky rust. With just soap and water, this rust converter is one of the easiest to clean.

3. Permatex 81849-12PK Rust Treatment





Permatex 81849-12PK Rust Treatment (Reference: [permatex.com](https://www.permatex.com))

Pros & Cons

Pros

- The product comes in the form of an aerosol spray.
- It works wonders as a primer.
- The product dries much faster than some of the other products.
- It has a lower acidity than most other products.

Cons

- Without further treatment, it is ineffective at preventing new rust formation.
- Large gallon sizes are not available.
- Not reusable.
- There are other products that are better at dealing with medium rust.

Specifications

Weight 10.56 Pounds

Dimensions 11 x 9 x 8 inches

General Description

A key difference between Permatex and the other products is that it utilizes a different chemical. Permatex rust converter uses formic acid instead of phosphoric acid as most of the other products.

Compared to other products, formic acid has the advantage of being less toxic; however, it is in no way non-toxic. It is also less hazardous for humans to be exposed to formic acid in general, even when it comes in contact with their skin and eyes.

The effectiveness of formic acid when it comes to converting rust is less than that of phosphoric acid. It doesn't mean Permatex is a poor product, but you need to be aware of the limitations of formic acid-based rust converters compared to phosphoric acid-based converters.

One of its main disadvantages is that Permatex does not protect the treated metal without additional treatments, as do many of its competitors. Without further treatment, phosphoric acid-based rust converters often work for over a year, while Permatex metal is lucky to last six months untreated.

It is also impossible to apply Permatex to a project and then filter it out after use, returning the unused portion to the task at the end. As a result, the remaining rust converter will be activated, which will result in a decrease in its quality.

In any case, Permatex makes treating a project further after the initial application much easier. For example, this product comes in an aerosol can, making the application quicker and more precise. Furthermore, the Permatex rust converter dries very quickly compared to its competitors and can be painted over in less than an hour.

4. VHT SP229 Rust Convertor Can





VHT SP229 Rust Converter Can (Reference: vhtpaint.com)

Pros & Cons

Pros

- Less mess with spray cans.
- Ideal for car enthusiasts who enjoy tinkering with their vehicles.
- Early-stage oxidation is highly effective with this product.
- Body filler and fiberglass can be sprayed with this product.
- The base is sanded smooth, so automotive paint can be applied.
- A visible reaction occurs immediately.

Cons

- Using potent chemicals requires protective gear.
- Preparation takes a lot of effort.
- Moderate to advanced corrosion may not be treated.

Specifications

Weight	13.6 ounces
Dimensions	2.7 x 2.7 x 7.95 inches
Full Cure Time	24 Hours
Item form	Liquid, administered by spray

General Description

Users who are uncomfortable with chemicals will benefit from this VHT product. Using this spray can eliminate the need for rollers, brushes, or other equipment.

For people who enjoy getting hands-on with their automobiles, this spray is perfect. The same goes for owners of vehicles who want greater control over the process.

It's important to remove as much decaying matter as possible. A car that is more than just a daily driver (such as an antique or classic car) may require your participation. It doesn't make sense to brush on a product and then ignore it.

Preparation is going to be the most challenging part. When you're done sanding and scrubbing, spray VHT over the surface. Surfaces such as metal, body filler, and fiberglass can be treated with it.

Immediately you will see that the formula is working. When the spray comes into contact with corroded metal, it turns black. Two to three coats are recommended. The liquid dries quickly, so you shouldn't wait more than two minutes between coatings.

As a result of this product, a durable seal can be formed that can be sanded smooth. After 24 hours, it is prepared to be painted over.

5. TotalBoat Rust Primer Converter



TotalBoat Rust Primer Converter (Reference: totalboat.com)

Pros & Cons

Pros

- There is excellent coverage of 500 square feet per gallon.
- Drying time is much shorter than most products.
- It can be used as a primer on unrusted metal.

Cons

- Does not exhibit non-toxic properties, no VOCs are present, and it is not biodegradable.
- It's not the perfect rust converter for priming.
- The post-treatment cleaning will be more extensive than with other products.
- Thinner than competitors and may require multiple coats.

Specifications

Weight 2.65 pounds
Dimensions 3.5 x 3.5 x 9 inches
Volume 947 Milliliters
Item form Liquid

General Description

The TotalBoat Rust Primer follows the same conventions as most rust converters. First of all, it is based on phosphoric acid, which is the most common component used for rust converters. Additionally, TotalBoat Rust Primer is not available in aerosol cans and can be sprayed from a standard spray bottle.

Before purchasing this product, however, you should consider a few factors. The first thing you need to know is that TotalBoat Rust Primer is toxic. Additionally, TotalBoat Rust Primer has a much more acidic phosphoric acid base than Permatex. With TotalBoat Rust Primer, it is almost a necessity to use protective gear since getting it on your skin can cause inflammation and burning.

Even so, phosphoric acid-based rust converters utilize slightly different formulas that affect their various qualities. Despite being fairly thin, TotalBoat Rust Primer covers more surface area than any of its competitors. The amount of paint you can get on a project depends on how many coats you apply, but you can still get up to 500 square feet of coverage out of a gallon.

Aside from converting rust, TotalBoat Rust Primer can also be used as a primer on bare metal with its phosphoric acid-based formula. A phosphoric acid-based rust converter will usually remain sticky or flake off after it dries to bare metal. As a result, TotalBoat Rust Primer provides a greater degree of versatility.

Sadly, this also means that TotalBoat Rust Primer takes much longer to cure than other products. Unlike some of the other rust converters, TotalBoat Rust Primer will require the entire curing period—between one and two days—before painting or applying any other treatment to it.

6. PlastiKote 624 Rust Converter





PlastiKote 624 Rust Converter (Reference: plastikote.com)

Pros & Cons

Pros

- You only need a little to achieve great results.
- Forms a smooth, hard seal.
- It is environmentally friendly.
- Non-toxic.
- There will be no bubbles, bleeding through, or foaming.

Cons

- The too-thick application will drip.
- After using foam rollers and brushes, it is not easy to clean them.

Specifications

Weight 1.25 pounds
Dimensions 8.1 x 2.5 x 2.5 inches
Item form Liquid

General Description

You may find this PlastiKote liquid attractive if toxicity is of concern to you. Water-based formula is non-toxic, non-flammable, and environmentally friendly. It is recommended that you use this product in a well-ventilated area, as the bottle warns that it emits harmful vapors.

To apply this liquid, you can use either a brush or a roller. You should take care not to get any on your skin or clothing since it will stain. Don't be put off by the watery consistency: thin coats are best. With this solution, you won't have to worry about running out while treating multiple or larger corroded spots.

PlastiKote is an excellent option for vehicle owners who appreciate a flawless paint job.

The liquid will not foam or bubble, and once dried, it will produce a seal similar to shellac. It can either be primed and painted directly after curing or sanded down so that your primer and paint will go on smoothly. There is also little chance of bleeding through.

7. Skyco Ospho Surface Prep



Skyco Ospho Surface Prep
(Reference: ospho.com)

Pros & Cons

Pros

- Reusable if filtered.
- This primer provides a solid base for painting.
- Once applied, it does not flake off.

Cons

- Unlike some other products, it does not provide protection without additional treatments.
- It has no non-toxic properties and is not VOC-free and non-biodegradable.
- There is only one size available.
- A longer setting time is required than with some other products.

Specifications

Weight 9.94 pounds
Dimensions 24 x 24 x 18 inches
Material Metal

General Description

A surprisingly similar product to TotalBoat Rust Primer is Skyco Ospho. It would appear that they are almost identical from the outside. However, both formulas are different enough that they won't give you the same results. While Skyco Ospho is similar to TotalBoat in viscosity, it covers less surface area.

The Skyco Ospho is also not as effective as the TotalBoat at providing protection of metal alone after application. Skyco Ospho is more like a Permatex rust converter in this regard, but it is still more efficient than formic acid converters. Even so, Skyco Ospho is devoted exclusively to priming.

As far as this category is a concern, the Skyco Ospho is unbeatable. It should be noted, however, that the Skyco Ospho is particularly good at bonding to light or medium rusted metal, assuming that the project has been properly prepared. Moreover, the Skyco Ospho, once fully bonded, will serve as a better primer for subsequent treatments, such as pain and epoxy, than most of the other products.

This product is, unfortunately, time-consuming. In many cases, this product will take even longer to set than the TotalBoat. The Skyco Ospho rust converter won't require you to pre-treat the project excessively ahead of time, so you won't have to invest that time in the beginning.

You won't have to worry about the rust converter flaking off when applying Skyco Ospho to medium rusted metal, which is typically sanded or ground down. As with the TotalBoat, you'll need to use it multiple times, but it'll set it as is once it is applied.

8. MRO Chem Black Star Rust Converter



MRO Chem Black Star Rust Converter (Reference: mrochem.com)

Pros & Cons

Pros

- The converted surface can serve as a paint primer because it is matte.
- You can brush or roll it on easily due to its consistency.
- The process of wiping off the excess product isn't complicated.
- Your car doesn't need to be scrubbed or sandblasted.
- With minimal quantity, you get a lot of coverage.
- Provides protection against corroding again after treatment.

Cons

- Other surfaces can be left stained by the product (e.g., concrete).
- It may be necessary to apply more than one time.

Specifications

Weight 7.35 pounds

Item size Four sizes, from 1 to 5 gallons

Coverage 400 to 500 square feet per gallon

Form Liquid

General Description

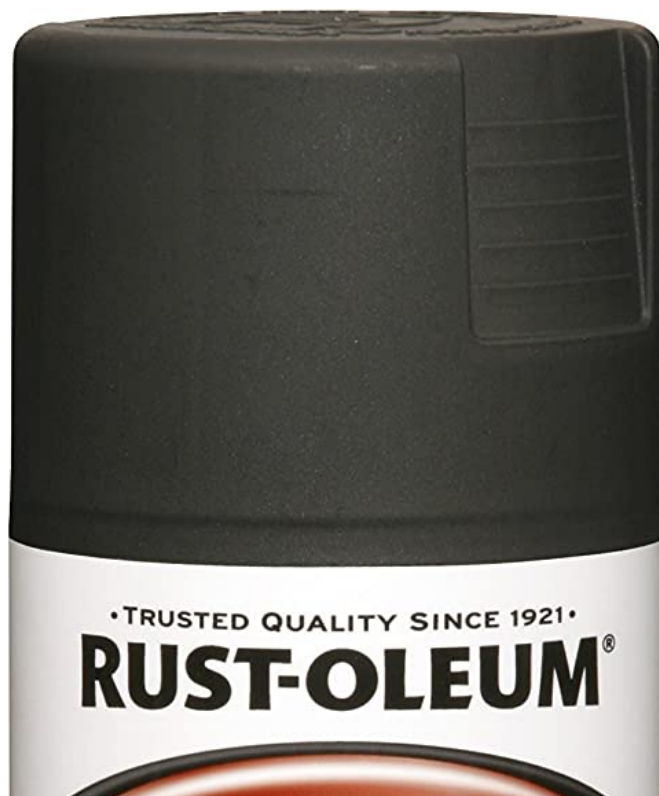
Bulk buyers will appreciate this rust converter. There are five different sizes of this liquid available, ranging from one gallon to five gallons. Whether it's for your vehicle or other rusting metal surfaces, you'll have plenty of products to choose from.

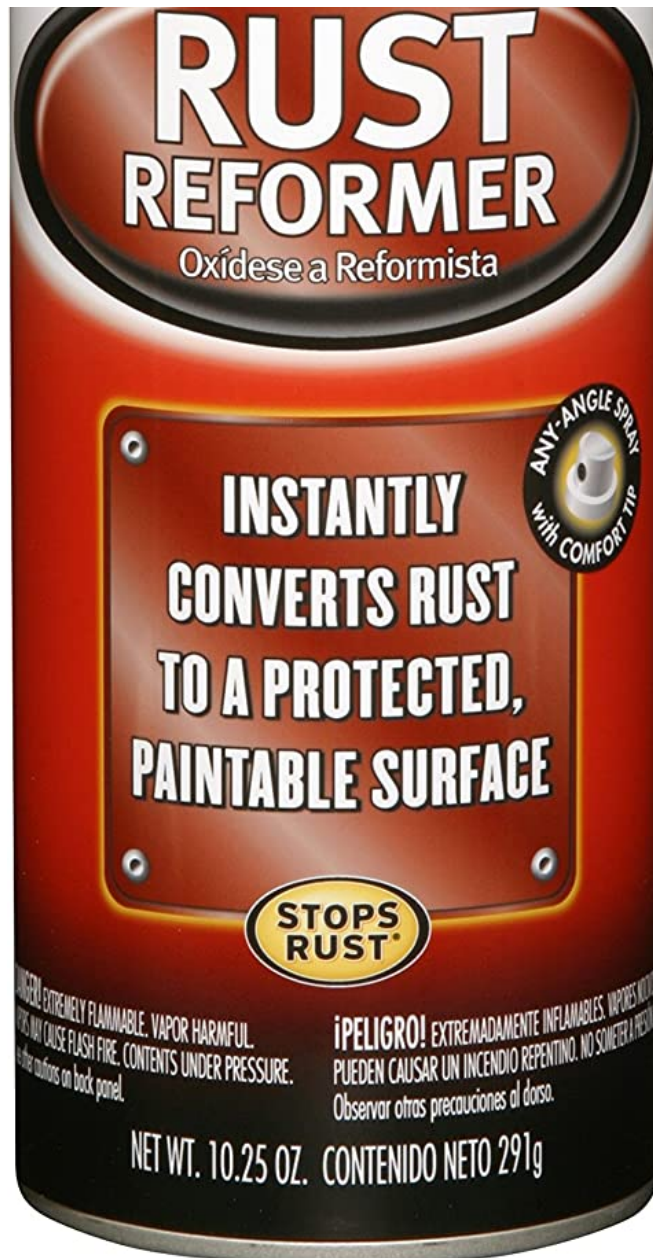
It is sufficient to apply a thin coating with a paintbrush or roller. This isn't the sort of liquid that your car needs to be soaked into. It is also possible to use a spray bottle to keep away from the chemical.

The color of MROChem Black Star is white. As you cover your corroded metal surfaces, you will be able to see it. Unlike clear liquids, you won't need to be overly thorough to be sure you're covering all the surfaces. If you have any excess liquid, you can wipe it off with soap and water. In case of forgetfulness, the product will fall off your vehicle on its own. This will be handled by rainfall and exposure to the elements.

A protective coating is formed by MROChem. Whether you paint over the targeted area or not, it will not corrode again. The MROChem formula makes a stable primer if you do decide to paint. The treated section looks as if it has been painted with matte spray paint. There is no need to use an additional primer over this before painting.

9. MRO Chem Black Star Rust Converter





Rust-Oleum Rust Reformer Spray (Reference: [amazon.com](https://www.amazon.com))

Not the best for big projects

Pros & Cons

Pros

- Inexpensive price.
- Dries rapidly.
- Able to be sprayed evenly from any angle.

Cons

- Not the best for big projects.

Specifications

Brand	Rust-Oleum
Color	Black
Finish type	Matte
Item volume	300 Milliliters

General Description

Rust-Oleum's Reformer Spray is hard to beat when it comes to turning rust into a non-living material at a low price. The "any-angle" spray technique used by Rust-Oleum enables the user to disperse the converter from any angle—even upside down.

Additives that stop rust are put into the oil-based solution to stop rust from getting worse and from spreading to other metal surfaces. Surfaces are dry to the touch in 20 to 40 minutes, but because there is only a tiny amount of converter and primer in each 10.25-ounce can, numerous cans would probably be needed to complete a big project.

10. Rust Kutter Rust Converter



Rust Kutter Rust Converter (Reference: [amazon.com](https://www.amazon.com/Rust-Kutter-Rust-Converter-1QT/dp/B000063888))

Pros & Cons

Pros

- Has a sprayer head that is connected.
- Offered in two sizes.
- Utilizes a special chemical conversion method.

Cons

- Is able to harm fragile materials.

Specifications

Brand	Rust Kutter
Item volume	32 Fluid Ounces
Unit count	946.3 milliliter
Surface recommendation	Tile, Stone

General Description

Rust Kutter uses a special chemical process to turn rust into a phosphate coating that can be painted. It comes pre-assembled with a sprayer head connected, but the sprayer head detaches to allow use of a brush or roller for application. Moreover, Rust Kutter provides a gallon container. Expect a gallon of formula to cover an astonishing 600 square feet. About 24 hours after application, the surface is prepared for usage or painting.

The task may need several coatings, and after each coat, users must wash off the material residue that the chemical reaction has left on the surface. Fabric and other delicate materials are susceptible to harm from the converter's moderate corrosiveness.

FAQs about the Best Rust Converter

Will rust converter stop rust?

The use of rust converters can help prevent rust by erecting a chemical barrier, but they do not offer a long-term fix for the issue of preventing new rust from forming.

Is rust converter worth it?

While the rust converter dries in 20 minutes, curing takes 24 hours. A second coating will be applied to guarantee proper rust conversion. Wait 48 hours after the final coat before applying an oil-based top coat to give it enough time to cure. Read the safety warnings on the bottle before using anything.

How long do you leave rust converter on?

How well does a rust converter work? If you select a rust converter that penetrates deeply into the rust and you clean the metal surface in accordance with the product instructions, it will be very effective.

Can you paint straight over rust converter?

No, only the rusted areas should be treated with Rust Converter, not the entire surface. Before applying the oil-based paint, it is advised to wipe the surface with a damp cloth to remove any remaining Rust Converter after it has completely dried.

Do you need to sand before using rust converter?

Remove any sizable chunks of loose rust by scraping them away with a stiff-bristled brush or sandpaper. When the converter is finished, it will be able to adhere to a more stable surface and produce a more streamlined effect on your surface.

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