



Magica Rust Blocker FAQ

(Frequently Asked Questions)

How is Magica Rust Blocker different than Magica Rust Remover? Our Magica Rust Remover removes rust stains on many different surfaces, including fabric, fiberglass, concrete, bath fixtures and some metals. Magica Rust Blocker can be used on any ferrous metals, rusty iron or steel objects, and is a metal treatment that seals out moisture to prevent rust from re-occurring.

How does Magica Rust Blocker Work? It is a water-based primer that mixes chemically with rust to create a black inert substance preventing further damage from corrosion. The overall chemical reaction converts rust into a stable, black protective polymeric coating.

Magica Rust Blocker contains two active ingredients: Tannic acid and an organic polymer. Tannic acid reacts with iron oxide (rust) and chemically converts it to iron tannate, a dark-colored stable material. The second active ingredient is an organic polymer that provides a protective primer layer.

What materials can I use Rust Blocker on? It will not work on aluminum, copper, stainless steel or galvanized metal. Magica Rust Blocker is ideal for treating rust on any ferrous metals. For example, it can be used on autos, trailers, farm equipment, tractors, fences & gates, iron railings, sheet metal, cast iron, the exterior of metal tanks, lawn and garden equipment.

How do I prepare the surface for application? The first step is to get any flaking rust off as it does not provide a stable surface. Remove large rust and scale particles with a stiff brush or sandpaper. Because Rust Blocker chemically bonds to the rust and seals it, it is not recommended to remove all the rust. Magica Rust Blocker cannot penetrate grease or oil, so degrease the surface first, then allow it to dry. This ensures that other surface contaminants will not interfere with the chemical reaction of the Rust Blocker on the rusted surface. If the item is subject to saltwater spray or de-icing salts, rinse the surface thoroughly with water, and allow it to dry prior to applying Rust Blocker. Proper preparation will enable the Rust Blocker to work effectively and leads to a high quality end result.

How is Rust Blocker applied? Apply with a brush for smaller applications and a roller for larger surfaces. It can also be sprayed on, using an airless sprayer that is suitable for latex paint.

What size bottles are available? Magica Rust Blocker is available in three convenient sizes: 8 oz. bottle; 32 oz. bottle or gallon size for larger projects.

What safety equipment and considerations are recommended? Like with any chemical, exercise caution when applying. It may cause eye or skin irritation, so it is recommended that safety glasses be worn along with chemical resistant gloves. Chemical vapors emitted from Rust Blocker are similar to latex paint and are not harmful but should be applied in a well-ventilated area.

Can a pump up garden sprayer be used to apply Rust Blocker? No. Rust Blocker does not work in garden pump sprayers as it is too thick. Any sprayer that states it will spray water-based paint would be a good choice.

Can I apply Rust Blocker over non-rusted or painted surfaces? Yes, Rust Blocker will adhere to non-rusted or painted surfaces, but it does not provide any additional rust prevention when used on these surfaces.

Should Rust Blocker be thinned? No Rust Blocker should be applied as it comes out of the bottle, after being properly shaken or stirred and should not be thinned.

How much metal will one gallon cover? One gallon covers up about 500 square feet of rusted metal. More Rust Blocker may be required to apply on porous, textured, and irregular surfaces.

What is the shelf life for Rust Blocker? Rust Blocker has a shelf life of 12 months.

Can I apply a primer coat over Rust Blocker? Yes, an oil-based primer may be applied over Rust Blocker, but is not required.

Is it necessary to paint over Rust Blocker? Although it's not required, we recommend applying two coats of a quality oil-based paint over Rust Blocker. It will help to extend the protective qualities of the surface from adverse weather conditions including rain, de-icing salt and sunlight.

What type of paint should I use to cover the Rust Blocker? Use oil based or epoxy paints to paint over Rust Blocker, do not use latex or water-based paints.

How many coats of Rust Blocker should I apply? Many applications require just one coat. However applying a second coat will assure complete coverage and conversion.

How long does it take Rust Blocker to dry? Rust Blocker will dry to the touch in approximately 20 minutes. Application of a second coating is best done after 24 hours of drying time. If applying an oil-based top coat, wait 48 hours after the last coat to ensure it has enough time to cure properly.

How do I clean my application equipment after applying Rust Blocker? Simply use soap and water for clean-up!

Can I use Rust Blocker on my grill, cast iron wood stove, engine, boiler, or any other heated surface? No, Rust Blocker is not heat resistant and should not be used on any surface that will be heated.

Can Rust Blocker be used on galvanized steel? It's only effective on the highly rusted areas where iron oxide (rust) is present and will not bond effectively to the galvanized areas.

Can Rust Blocker be used inside a tank? No, it is commonly used on the outside of large tanks, but we do not recommend using Rust Blocker inside a tank.

At what temperature can I apply Rust Blocker? Apply product when the temperature is between 50 and 100 degrees F. It's best to avoid applying Rust Blocker in direct sunlight or under cold or damp conditions. Do not apply if the surface temperature is below 50 degrees F.

Can I re-use leftover Rust Blocker? No, do not return unused liquid back to the bottle once it's been exposed and used.

How should I dispose of any unused Rust Blocker? Contact your local regulatory agency to determine the proper method of disposal.

Is Rust Blocker harmful if ingested? Yes, Rust Blocker contains tannic acid and medical attention should be sought immediately if ingested.

Is Rust Blocker approved by the FDA or USDA? No, **Rust Blocker** should not come into contact with food or beverages.

How does Rust Blocker need to be stored? Store at room temperature & out of direct sunlight. Do not allow it to freeze and avoid temperatures above 100 degrees F.

For any other questions, please call us toll-free at (800) 236-1143 or email: info@magicarustremover.com.