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"1" Step Rust Killer — Frequently Asked Questions

Question: How is "1" Step (The Rust Killer) applied?

Answer: "1" Step (The Rust Killer) Rust Converter may be applied by brushing, spraying, sponge or roller coating, conventional paint application equipment is suitable if sprayed. "1" Step (The Rust Killer) may be diluted with water as needed for the particular spray equipment being used.

Question: What type of coverage can be expected?

Answer: This will depend on the amount of rust left on the metal surface being treated generally two coats are required, coverage will be in the range of 200 to 300 sq. ft/gallon.

Question: What type of surface preparation is required before applying?

Answer: A complete listing of surface preparation options is shown on the "1" Step (The Rust Killer) product data sheet.

Question: How much dry time is required before application of a topcoat?

Answer: Depending on drying conditions "1" Step (The Rust Killer) should be dried a minimum of 12 hours (at low humidity) and drying temperatures above 75 degrees Fahrenheit. Up to 24 hours (at high humidity) or drying temperatures below 75 degrees Fahrenheit.

Question: Can "1" Step (The Rust Killer) be used on damp surfaces?

Answer: Yes. The surface may be damp, but should not have beads of water.

Question: What type of topcoats are recommended?

Answer: This will depend on the environmental conditions involved. A complete listing of topcoat recommendations for specific environmental condition is shown on the "1" Step (The Rust Killer) product data sheet.

Question: If thinning is required for spraying, what is the procedure?

Answer: If required, use water to thin "1" Step (The Rust Killer) for spray applications, it is recommended that "1" Step (The Rust Killer) be sprayed as received, if thinning is required, add approximately 10% water to "1" Step (The Rust Killer) and mix thoroughly.

Question: What are the minimum/maximum temperatures during application?

Answer: A minimum application temperature of 45 degrees Fahrenheit is recommended (i.e.: both air temp and temperature of the part being treated should be at 45 degrees Fahrenheit or more). Maximum temperature recommended is 100 degrees Fahrenheit.

Question: What are the recommended clean-up procedures for "1" Step (The Rust Killer)?

Answer: When "1" Step (The Rust Killer) dries, it is extremely difficult to remove, it is recommended that any brushers, rollers, trays, paint spray equipment, spills, etc., be cleaned up with cold tap water.

"1" Step Rust Killer — Frequently Asked Questions

Question: How long will it last?

Answer: If used correctly it will kill the rust completely. It should not come back unless it is new rust.

Question: How to apply?

Answer: You may brush, roll, sponge, or use an airless sprayer to apply One-Step on the rusted area.

Question: Do i need to use a top coat?

Answer: You do not need to use a top coat for One-Step. You may choose to topcoat or not depending on the environment and you may also sand and/or putty it as well. However if you wish to top coat for added rust protection please view the top coat recommendation sheet .

Question: What is the surface preparation?

Answer: Remove any loose flaking rust and leave the tightly adhered rust where it is. Clean with a suitable degreaser and then let it dry. You may then apply the One-Step and paint over the rust to kill, neutralize, and convert it.

Question: What color will it dry to?

Answer: The final color depends on what stage of rust it is and the environment it is in. Generally it dries to a shade of black, but there are times where it just dries clear and is still killing the rust.

Question: Where does One-Step ship from?

Answer: It normally ships within 1-2 days from Minnesota, if you need it in a rush ask one of our experts for some help.

Question: Can i use a sprayer?

Answer: Yes, an airless sprayer is preferred for best results if you want to use a sprayer.

Question: What happens if i put it on non-rusted areas?

Answer: It dries clear and has no negative effect.

Question: Is One-Step the Rust Killer safe to use?

Answer: One-Step is water based and safer to use than most latex paints. For further information, please view the SDS sheet.

Question: Does the surface need to be sandblasted or wire brushed?

Answer: Only remove what is loose and leave the tightly adhered rust where it is.

Question: Can i put One-Step the Rust Killer on hot engine parts or inside a tank?

Answer: No. Do not apply One-Step to hot engine parts or any moving parts like an adjustable wrench. Also, never put One-Step inside of a tank with liquid without contacting our office first to go over your application.

Question: Can One-Step freeze?

Answer: If one-step freezes and it is not a deep freeze then it can be thawed out.

Question: How does it work?

Answer: When One-step makes contact with rust it causes a chemical reaction that converts the rust into an inert polymer coating. In laymen's terms, it is a primer.

Question: Can you weld on top of the rust converter once dry?

Answer: Yes. You can weld after using One-Step. However, you are burning the coating off and exposing the rust again. We recommend to weld first and then apply the One-Step. That way you have the rusted area converted and sealed with the primer of the One-Step.