



POR-15 RUST PREVENTIVE PAINT

Directions for people who don't read directions

Application Information

1. **Never** open the POR-15 can until you are ready to paint.
2. Make sure surface to be painted is **bone-dry**. Use a hairdryer if necessary.
3. You must use **Metal-Ready** first if you are painting POR-15 on new steel, galvanized metal, aluminum, or any smooth metal surface.
4. Do not apply POR-15 to a "tacky" surface. Wait till the first coat is dry to the touch before applying a second coat of POR-15.
5. **Do not paint directly from the POR-15 can** unless you are going to use up all the paint in one session. Stir contents of can thoroughly, then dispense a quantity of POR-15 into a separate container and seal can immediately using plastic food wrap between lid and groove of can. If can is sealed metal-to-metal with paint in the groove, can will be sealed permanently.
Best Method: keep groove free of paint by using coffee scoop or similar device to dispense.
Note: Leftover paint should not be put back in can as this will shorten shelf life and might cause pressure to build up in can, causing the lid to pop off. Refrigerate unused POR-15 for longer shelf life.
6. If your job had to be degreased or cleaned, you **must** use **Metal-Ready** before applying POR-15.
7. If you are perspiring and a bead of sweat drops into the POR-15 can, the paint is **ruined** and should be **thrown out**. It won't stick properly.
8. Use **POR-15** in well **ventilated areas only**. We recommend the use of an organic vapor particulate respirator, NIOSH/MSHA approved, when applying **POR-15**. If you are spray painting, you **must** use an **air-supplied** respirator.
9. Never mix other paints with **POR-15**. Never try to add color to **POR-15**.
10. **POR-15** should not be applied over other paints. It is UV sensitive and must be top-coated with an opaque paint if left exposed to the sun.
11. **Never shake up** a can of **POR-15**. It should always be stirred.

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POR-15 RUST PREVENTIVE PAINT Continued

ARE THE POR-15 VAPORS DANGEROUS TO MY HEALTH?

Yes. That's why you must always paint in a well-ventilated area and keep your nose away from the paint container. POR-15 is not dangerous if you follow our simple directions.

WHAT IS THE BEST SURFACE ON WHICH TO PAINT POR-15?

POR-15 likes rusted surfaces best. Seasoned metal and sandblasted metal are also good. POR-15 does not adhere well to smooth, shiny surfaces, but will adhere well with the use of Marine Clean and Metal Ready preps.

WHAT IS THE "PROPER PREPARATION"?

If you are sandblasting, blow off the loose dust and apply directly over the surface. On all other bare metal or rusted surfaces use the Marine Clean and Metal Ready preps for proper adhesion. Metal Ready It is a rust remover that leaves a zinc phosphate coating on base metal, the perfect pre-primer for POR-15. Areas that have been previously painted should be cleaned with Marine Clean and then lightly scuffed with 400 grit sandpaper. Keep in mind when POR-15 is applied over another coating it will not prevent against rust long term but will serve as a durable, moisture resistant coating. NOTE: New steel is coated with a protective oil finish at the mill. This finish must be removed before using POR-15.

WHICH POR-15 FORMULA (GLOSS BLACK, SEMI GLOSS BLACK, SILVER, GRAY or CLEAR) SHOULD I USE?

Silver contains metal filler and should be used in badly rusted, pitted areas. It will fill in holes better than black or clear. Black is generally used on frames, underside of fenders, etc. because that's the usual color there. Clear renders the smoothest finish and is often used as a preprimer on exterior surfaces. Gray is great on concrete floors, bilges and storage areas.

MUST I PAINT OVER POR-15 TO MAKE IT LAST?

No, but POR-15 has an ultra-violet sensitivity and must be topcoated if continually exposed to sunlight. Once topcoated, POR-15 will remain effective for many years.

WILL THE SUN DESTROY MY POR-15 COATING IF I DON'T TOPCOAT IT?

No, your POR-15 protection will remain, but the sun will change its appearance cosmetically. That's why we recommend you topcoat it.

CAN I APPLY POR-15 OVER OTHER PAINTS?

Yes, but you will lose the important benefits of POR-15. You must remember that ordinary paints are weakened by exposure to moisture. POR-15 can't stop rust if it isn't in direct contact with the base metal.

CAN POR-15 BE USED WITH FIBERGLASS?

Absolutely. POR-15 is fully compatible with fiberglass and can be used to repair cracks in gelcoat. It will adhere better than polyester resin and has greater strength. Use also with fiberglass cloth to make super-strong surfaces in rusted-out areas.

WHAT TEMPERATURE AND HUMIDITY CAN I APPLY POR-15 IN ?

POR-15 should be applied in temperatures of 50-90°F degrees (10-38°C) and humidity under 80%

SUPPLEMENTARY INFORMATION & TIPS

SEASONED OR RUSTED METAL:

First, wire brush loose rust and scale. Then remove any grease or oil with **POR-15 MARINE-CLEAN** and prep with **POR-15 METAL-READY**. **DO NOT USE SOLVENT-BASED CLEANERS.** Apply POR-15 in thin coats.

For Two Coat Application: Apply second coat when first coat is tacky but almost dry. If first coat is fully cured, wet sand first coat with 600 grit sandpaper until gloss is dulled. Next, apply the second coat of POR-15. **TOP-COAT APPLICATION OVER POR-15 PRIOR TO FINISH PAINT IF USING PRIMER:**

After second coat of POR-15 has been applied, wait approximately 45 minutes to 1 hour until the POR-15 coating is tacky; then apply a light dust coat of primer and let dry. Next, apply a full coat of primer and follow normal top-coating procedures. If primer is lacquer-based, apply dust coat only after POR-15 is dry to touch.

SPRAY APPLICATION PRESSURES:

Use 30-35 lbs (206-250 kpa) for normal gloss application. Reduce gun pressure to achieve lower gloss 20-25 lbs (140-170 kpa).

POR-15 TIP SHEET

POR-15 has many uses other than sealing rust. In antique car restoration, problems arise that the everyday shop man does not often encounter. Here are some helpful tips we have picked up over the years.

CHROME MOULDING CLIPS can scratch a new paint job when they are pushed through the body. POR-15, even if scratched off, will only rust where it is removed, so rust will not travel upward to ruin that new paint job. Put a coat around the holes, under the chrome, before you prime and paint.

ROOF DRIP RAILS are another place where rust begins early. Put on a coat of POR-15 and let dry. Then apply a second coat, wait for it to get tacky, then dust lightly with primer. When dry, spray on a good coat of primer.

FIBERGLASS BODY REPAIRS: POR-15 Clear is as hard and flexible as two-part epoxy resins, but requires no mixing and is impervious to topcoat thinners—epoxy is not. POR-15 Clear can be used in place of fiberglass resin.

STAINLESS STEEL TRIM PIECES that push down around the windshield...if they won't stay down, put some POR-15 in the channel and brace it with wood strips overnight. Regarding windshields, with the rubber removed, put a coat of POR-15 around the body where the rubber rests; this is a high humidity area and should be sealed with POR-15.

POR-15 INSIDE REAR EXHAUSTS will stop rust where it starts. Soak a round glass-cleaning sponge with POR-15 and pull it through the pipes with a wire. Coat exterior from the muffler back.

LOWER COWL SECTIONS, ROCKER PANELS, LOWER PORTION OF FENDERS AND REAR QUARTERS, INSIDE DOORS are other good places to coat with POR-15.

RUSTED OUT PINHOLES: Put a piece of tape behind the larger pinholes, then paint. When the paint dries, pull the tape off and paint the back side as well. POR-15 can be used to seal gas tanks, also, and POR-15 PUTTY will take care of larger holes.

POR-15 SHOULD BE STIRRED, not shaken, each time you use it. **OLD CARDBOARD INTERIOR PIECES AND MOLDED VINYL VISORS** can be coated with POR-15 and then painted over with vinyl dye.

IF YOU HAVE A SPECIAL USE FOR POR-15, please call us toll-free at 1-800-45-POR15 and let us know. We will give you credit in a future issue of our newsletter.

WE HOPE THIS INFORMATION IS OF BENEFIT TO YOU IN THE USE OF POR-15 RUST PREVENTIVE PAINT.

Please remember these instructions are general guide lines only and cannot and do not cover every application and environment. If you remain unsure as how to proceed, please call toll-free for technical advice at 800-457-6715.

KEEP OUT OF THE REACH OF CHILDREN, PETS, ETC. HARMFUL OR FATAL IF SWALLOWED. DO NOT USE ON CHILDRENS TOYS WHICH MAY BE PUT INTO MOUTH. USE IN WELL VENTILATED AREAS ONLY. Hazardous ingredients: Diphenylmethane Diisocyanate Cas#26447-40-5, Naptha Petroleum Cas #64742-95-6, Carbon Black Cas #12438-9, Aluminium Cas #7429-90-5. Contents partially unknown.

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