

# Guardcote Rust Converter

## Mixing and Application Instructions

For more in-depth instructions, review [Instructions for Painting Concrete and Metal](#) on our website.

- 1) Shake or stir well before use.
- 2) Wear rubber gloves and eye protection.
- 3) Remove oil, dirt, grease, water soluble salts, loose paint and cutting oil residue.
- 4) Wire brush surface to remove only flaking rust.
- 5) Do not dip brushes into original container. Pour into a separate container to apply.
- 6) Apply liberally with brush or spray using long smooth strokes. Once applied, the rust will begin to turn black, signaling that the reaction is taking place. Two coats may be necessary to completely convert the metal to a black iron phosphate. The reaction will create a grayish powder over the metal. This powder must be removed prior to top-coating with any other coating.
- 7) For Galvanized, apply like any other metal, unless appearance is critical. If it is, apply one coat and let stand for 30 minutes, flush with water and then dry clean. Otherwise, one coat, left to cure overnight, will provide a thorough etch and coating.
- 8) Apply 2 coats for a uniform color and maximum protection.
- 9) A black coating should begin to appear in 10 minutes.
- 10) Uneven color indicates the need for additional applications for maximum protection.
- 11) Wait one hour between applications or until dry to the touch, allow 24 hours before applying a finish top-coat other than the **Guardcote Rust Converter**.
- 12) Most finish top-coats can be applied directly over the dried treatment. However, light color latex requires a solvent-based primer.
- 13) Clean-up application tools immediately with warm water and detergent.

**NOTE:** Apply when temperature is between 50°F-90°F (22°C-41°C). Do not return unused material to original container. Do not dip brushes into original container. Protection is enhanced with this treatment plus a top-coat such as our Guardcote PVC or Epoxies.

**APPLICATIONS:** Pipes, valves, fittings, tanks, truck trailers, guard rails, support beams and legs, fences, conveyors, overhead cranes, floor gratings, ductwork, sign posts, meter frames, decks, bulk heads and hatch covers on ships, plows, tractors, snow removal equipment, garden tools, furniture, railings, hinges, gates, machinery, hand tools, motor housings, doors, golf carts, bridges, fire hydrants, dumpsters, fire escapes, carts, poles.

**TECHNICAL DATA:** State: Liquid. Viscosity: 300 ± 50 cps: Converts from blue/green to black coating in presence of iron oxide (rust). Cures by water evaporation. Dry to touch one hour. Recoat time one hour.

Top-coat time- 24 hours. Application Rate- 350 sq. ft/gallon.

Flash Point: Non-flammable, Application Temperature: 50-90°F (22-41°C).

PRECAUTIONS Warning: Causes irritation. Avoid contact with eyes and skin. In case of contact, flush eyes with plenty of water for at least 15 minutes. Seek prompt medical attention. Flush skin with water. Harmful if swallowed. If swallowed, drink large quantities of water. Call a physician. Wear rubber gloves and eye protection. For industrial and institutional use only. For spills, neutralize with baking soda or other basic materials.

KEEP OUT OF THE REACH OF CHILDREN.

ALWAYS! If you have a question concerning any phase of the application process, please call, and one of our techs will be happy to assist you.

ALWAYS! Remove any tool that might create an electrical spark during application. No lighters, cigarettes or flames of any kind are allowed anywhere near the application area.