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Additives, Coatings & Colors

PRODUCT DATA SHEET

Guardcote Rust Converter

DESCRIPTION:

A one-step, water-based rust destroying treatment that stops old rust and coats iron or steel surfaces to prevent new rust. **Guardcote Rust Converter** is an easy to-use liquid that contains rust neutralizing chemicals that combine with rust to convert it into a hard, black polymer surface that offers a long-lasting protection as a weather-proof coating or as a superior under-coating. Minimal preparation requires a wire brush to remove only flaking rust, oil and grease.

It is not necessary to use expensive labor and time-consuming methods to remove all traces of rust. Rust is necessary for proper chemical reaction. Brush or spray on to **Guardcote Rust Converter** designed to change color from blue/green to black. The black protective coating will begin to appear in about 10 minutes and normally be dry to the touch in one hour. Warm water and detergent is used for easy clean-up. Take control of rust problems that destroy expensive metal parts with **Guardcote Rust converter**.

FEATURES:

- Penetrates rust
- Forms hard black surface
- Neutralizes rust
- Converts rust to paintable surface
- Prevents new rust
- Gives water-proof coating
- Minimal preparation
- Provides superior under-coating
- Easy clean-up
- Easy to use liquid
- Works quickly
- Saves expensive metal
- Long lasting
- No acid cleaning or etching

Application Instructions

DIRECTIONS:

- Shake or stir well before use.
- Wear rubber gloves since dry coating is difficult to remove. Wear eye protection.
- Remove oil, dirt, grease, water soluble salts, loose paint, cutting oil residue.
- Wire brush surface to remove only flaky rust.
- Use on rusted iron or steel only. Do not remove all traces of rust.
- Apply liberally with brush or spray using long smooth strokes.
- Most finish top coats can be applied directly over the. However, light color latex requires a solvent-based primer.
- Do not dip brushes into original container. Pour into a separate container to apply.
- Apply 2 coats for a uniform color and maximum protection.
- A black coating will begin to appear in 10 minutes.
- Uneven color indicates need for additional applications for maximum protection.
- Wait one hour between applications or until dry to the touch, allow 24 hours before applying finish top coat other than the Guardcote Rust Converter treatment.
- Clean-up application tools immediately with warm dried treatment. However, light color latex requires a water and detergent solvent-based primer.

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 II, Epoxy, Alkyd, Urethane, Chlorinated Rubber or vinyl.

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 Solids: 42% \pm 1% by weight.

Viscosity: 300 \pm 50 cps Film Formation: Converts from blue/green to black coating in presence of iron oxides (rust). Cures by water evaporation.

Dry Time (75°F): Dry to touch one hour. Recoat time one hour. Top coat time minimum 24 hours.

Application Rate: 200 sq. ft/gallon at 4 mils film. (or 5 sq. meters per liter at 0.01 cm. film)

Flash Point: Non-flammable

Application Temperature: 50-90°F (22-41°C)

Film Type: Latex Polymer

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. **KEEP OUT OF THE REACH OF CHILDREN.**