CORROSION PROTECTION

FEATURING

RUST MORT™
RUST SEAL™
RUST TRAP™
RUST SHIELD™

RUST PREVENTER
CAVITY WAX
UNDERCOATINGS
COMPARISON CHART
**APPLICATION**

After conversion or removal, rinse treated areas using a brush with clean water to remove any **Rust Mort** that isn’t dry. Dry thoroughly to avoid flash rusting. Proceed with body filler if needed, then topcoat.

1. **PREP**
   - Remove loose scale with a wire brush. Clean with **SEM Solve** to remove oil, grease and dirt. Blow off with compressed air.

2. **APPLY**
   - Dip smaller parts or brush onto larger parts. When applying **Rust Mort** by brush, keep product wet throughout the conversion process.

3. **RINSE**
   - If any white residue appears after application, re-apply **Rust Mort** as process was not completed.

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**SUITSABLE SUBSTRATES**

Rusted ferrous metal

**WHEN TO USE IT**: For the conversion or elimination of moderate to heavy rust prior to applying a protective coating

- Completely removes light rust
- Converts heavy rust into a stable, workable substrate
- Creates ideal surface for filler or primer
- Easy to use
- Ready to apply
- Requires minimal surface preparation

**PARTS NO. | SIZE**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>69501</td>
<td>Gallon</td>
</tr>
<tr>
<td>69504</td>
<td>Quart</td>
</tr>
<tr>
<td>69508</td>
<td>Pint</td>
</tr>
</tbody>
</table>

**FOR FULL DETAILS**, refer to the Technical Data Sheet.
APPLICATION

Apply 2 – 3 light coats of Rust Seal™ 5 – 10 minutes apart. Do not apply to sand blasted or painted areas. Allow to dry fully. Rust Seal™ does not require a top coat unless exposed to outdoor conditions. Body filler and top coat can be used after Rust Seal™ has fully dried.

1 PREP

Remove loose scale with a wire brush. Clean with SEM Solve to remove oil, grease and dirt. Blow off with compressed air.

2 APPLY

Part No. Size
39304 Quart
39308 Pint

WHEN TO USE IT: For the conversion of light to moderate rust, as well as the preservation of exposed ferrous metal in indoor environments

- Neutralizes rust
- Leaves a tough protective coating
- May be left exposed or topcoated in exterior applications
- Apply with brush or roller
- Can be sanded before application of top coat
- Requires minimal surface preparation

SUITABLE SUBSTRATES

Rusted ferrous metal

For full details, refer to the Technical Data Sheet.
WHEN TO USE IT: Over prepped metal and rust to permanently stop rust and corrosion prior to topcoating or as a stand alone coating

- Premium moisture-cured urethane technology
- Paint direct to rust or bare sanded steel
- No conversion products needed
- Wet-on-wet application for fast repairs
- Compliant everywhere
- Flattener available for gloss adjustment
- Can be topcoated for UV resistance
- Can be aerosolized with Custom Fill™ Aerosols

SUITABLE SUBSTRATES
Steel | Rusted ferrous metal | Aluminum | Prepped paint

APPLICATION

Part No. | Name | Size
--- | --- | ---
45501 | Black | Gallon
45504 | Black | Cone Quart
45508 | Black | Pint
45514 | Silver | Cone Quart
45518 | Silver | Pint
45594 | Flattener | Cone Quart
45598 | Flattener | Pint
79460 | Counter Asmt. | Kit

1 PREP
Remove loose scale with a wire brush. Clean with SEM Solve to remove oil, grease and dirt. Blow off with compressed air.

2 SAND
Remove loose rust scale by sanding, grinding or using a wire brush. Removing additional rust will result in a better final appearance. Abrade other surfaces with P180 grit. Blow off and re-clean with SEM Solve. Repeat until surface is free of contaminants.

3 APPLY
Apply 2 medium coats of Rust Trap with a brush or spray gun. First coat should not achieve full coverage and second coat should be applied in the same manner while first coat is still wet. Allow final coat to cure for 8 – 24 hours before returning part to service.

For full details, refer to the Technical Data Sheet.

Counter Display
17" x 6.5" x 11"
RUST SHIELD™

WHEN TO USE IT: Over prepped metal and rust to isolate and control rust and corrosion as a stand alone coating

- Paint direct to rust or bare sanded steel
- Fast application
- Compliant everywhere
- Enhancer available for gloss adjustment
- Can be topcoated for UV resistance
- Restore agricultural, industrial, and heavy equipment

SUITABLE SUBSTRATES
Steel | Rusted ferrous metal | Aluminum | Prepped paint

1 PREP
Remove loose scale with a wire brush. Clean with SEM Solve to remove oil, grease and dirt. Blow off with compressed air.

2 SAND
Remove loose paint and rust scale by sanding, grinding, or using a wire brush. Removing additional rust will result in a better final appearance. Sand painted areas with P220 grit. Blow off surface and clean again with SEM Solve or XXX Universal Surface Cleaner.

3 APPLY
Apply 2 – 3 medium wet coats of Rust Shield with a brush or spray gun allowing a 3 – 5 minute flash time between coats. Maximum rust protection is achieved from thicker applications. Allow final coat to cure 24 – 48 hours before returning part to service.

Available in 11 colors

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Name</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>28061</td>
<td>Gloss Black</td>
<td>Gallon</td>
</tr>
<tr>
<td>28064</td>
<td>Gloss Black</td>
<td>Quart</td>
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<tr>
<td>28081</td>
<td>Safety Orange</td>
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<tr>
<td>28091</td>
<td>Flat Black</td>
<td>Gallon</td>
</tr>
<tr>
<td>28101</td>
<td>Black</td>
<td>Gallon</td>
</tr>
<tr>
<td>28104</td>
<td>Black</td>
<td>Quart</td>
</tr>
<tr>
<td>28111</td>
<td>White</td>
<td>Gallon</td>
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</table>

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Name</th>
<th>Size</th>
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<tbody>
<tr>
<td>28131</td>
<td>I.H. Red</td>
<td>Gallon</td>
</tr>
<tr>
<td>28141</td>
<td>CAT Yellow</td>
<td>Gallon</td>
</tr>
<tr>
<td>28151</td>
<td>F.M.F. Gray</td>
<td>Gallon</td>
</tr>
<tr>
<td>28161</td>
<td>John Deere Yellow</td>
<td>Gallon</td>
</tr>
<tr>
<td>28181</td>
<td>John Deere Green</td>
<td>Gallon</td>
</tr>
<tr>
<td>28191</td>
<td>Aluminum</td>
<td>Gallon</td>
</tr>
<tr>
<td>38008</td>
<td>Hardener &amp; Gloss Enhancer</td>
<td>Pint</td>
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</table>

For full details, refer to the Technical Data Sheet.
RUST PREVENTER CAVITY WAX

WHEN TO USE IT: On inner body panels and cavities to restore OEM corrosion protection

- OEM recommended
- Non-hardening
- Sprayable in 360° pattern
- Superior adhesion
- Excellent corrosion protection
- Superior wicking

Watch it outperform the competition at semproducts.com/rust-preventer

SUITEABLE SUBSTRATES
All inner body panels, cavities, and channels painted and unpainted

APPLICATION

1 THE 360° WAND
Rust Preventer Cavity Wax is easily applied with a 360° spray pattern when using the Premium Undercoat Applicator & Wand or the Rust Preventer Aero Wand.

1 Do not spray without tip being inserted into inner panel access point.

2A PREP & APPLY AEROSOL
Clean surface with SEM Solve or XXX Universal Surface Cleaner where applicable. Remove cap from Rust Preventer Cavity Wax, attach straw or Rust Preventer Aero Wand. Apply 1 – 2 coats.

① Change angle and depth of the tip inside panel to ensure coverage.

2B PREP & APPLY QUART
Clean surface with SEM Solve or XXX Universal Surface Cleaner where applicable. Shake bottle of Rust Preventer Cavity Wax for 1 minute. Spray 1 – 2 coats at 35 – 45 psi.

① Change angle and depth of the tip inside panel to ensure coverage.

3 CLEAN WANDS
Clean Rust Preventer Aero Wand by attaching the tip and wand to XXX Universal Gun Cleaner.

Clean Premium Undercoat Applicator & Wand with XXX Universal Gun Cleaner.

For full details, refer to the Technical Data Sheet.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Name</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>39573</td>
<td>Rust Preventer Cavity Wax</td>
<td>24 oz. Aerosol</td>
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<tr>
<td>39574</td>
<td>Rust Preventer Cavity Wax</td>
<td>Cone Top Quart</td>
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<tr>
<td>71109</td>
<td>Premium Undercoat Applicator</td>
<td>Each</td>
</tr>
<tr>
<td>71110</td>
<td>Premium Undercoat Applicator &amp; Wand</td>
<td>Each</td>
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<tr>
<td>71111</td>
<td>Spray Wand</td>
<td>30”</td>
</tr>
<tr>
<td>71120</td>
<td>Rust Preventer Aero Wand</td>
<td>24”</td>
</tr>
</tbody>
</table>
RUBBERIZED UNDERCOATING

WHEN TO USE IT: On under car applications especially when painting is desired

- OEM recommended
- Superior stone, chip and corrosion resistance
- Uniform final appearance
- Quality asphalt-free formula
- Paintable without bleed through
- Sound-dampening properties
- Aerosol includes straw for tight spots
- Fast-drying

SUITABLE SUBSTRATES
Properly prepped painted or primed surfaces | Steel | Aluminum | SMC | Fiberglass

APPLICATION

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Name</th>
<th>Size</th>
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<tbody>
<tr>
<td>39513</td>
<td>Rubberized Undercoating White*</td>
<td>24 oz. Aerosol</td>
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<tr>
<td>39523</td>
<td>Rubberized Undercoating</td>
<td>24 oz. Aerosol</td>
</tr>
<tr>
<td>40524</td>
<td>Low VOC Rubberized Undercoating</td>
<td>Cone Quart</td>
</tr>
</tbody>
</table>

*Not available in Canada

UNDERCOATING

WHEN TO USE IT: For use on under car applications where painting is not a concern

- Stone chip and corrosion resistance
- Uniform appearance
- Excellent adhesion
- Economical option

SUITABLE SUBSTRATES
Properly prepped painted or primed surfaces | Steel | Aluminum | SMC | Fiberglass

APPLICATION
**COMPARISON CHART**

<table>
<thead>
<tr>
<th></th>
<th>CONVERTS RUST</th>
<th>CORROSION PROTECTION</th>
<th>APPLY TO RUST</th>
<th>APPLY TO PREPPED METAL</th>
<th>SUBSTRATE MUST BE TOPCOATED</th>
<th>CAN BE TOPCOATED</th>
<th>SOUND DEADENING</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RUST MORT™</strong></td>
<td>✔️</td>
<td></td>
<td>✔️</td>
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<tr>
<td><strong>is an acidic compound that removes and converts existing rust to an insoluble black coating prior to applying body filler, primer or top coat.</strong></td>
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<td><strong>RUST SEAL™</strong></td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<td><strong>is an acidic compound that transforms rust into a permanent, protective coating.</strong></td>
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<td><strong>RUST TRAP™</strong></td>
<td>✔️</td>
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<td>✔️</td>
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<td><strong>is a high gloss, moisture cured, urethane coating for restoring and protecting rusty metal.</strong></td>
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<td><strong>RUST SHIELD™</strong></td>
<td>✔️</td>
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<td>✔️</td>
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<td><strong>is a direct to metal coating that isolates and controls oxidation, rust, and corrosion on metal substrates.</strong></td>
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<td><strong>RUST PREVENTER CAVITY WAX</strong></td>
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<td><strong>is a semi-transparent black internal panel compound to restore OEM corrosion protection on inner body panels.</strong></td>
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<td><strong>is a premium, single component, paintable, textured coating for sound dampening, chip resistance, rust protection and corrosion protection.</strong></td>
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<td><strong>UNDERCOATING</strong></td>
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<td><strong>is a non-paintable, asphalt based coating that provides sound deadening, chip resistance, and corrosion protection.</strong></td>
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