CORROSION PROTECTION

FEATUREETING

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

RUST PREVENTER
CAVITY WAX
UNDERCOATINGS
COMPARISON CHART
RUST MORT™

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

SUITABLE SUBSTRATES
Rusted ferrous metal

APPLICATION

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
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.

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

For full details, refer to the Technical Data Sheet.

Part No. Size
69501 Gallon
69504 Quart
69508 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

APPLICATION

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
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.

For full details, refer to the Technical Data Sheet.
RUST TRAP™

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

BEFORE

AFTER

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"

For full details, refer to the Technical Data Sheet.
**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

**APPLICATION**

- **Prep:** 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.

- **Sand:** 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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Name</th>
<th>Size</th>
</tr>
</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>
</tr>
<tr>
<td>28081</td>
<td>Safety Orange</td>
<td>Gallon</td>
</tr>
<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>
</tr>
<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>

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

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

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

APPLICATION

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.

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

1 THE 360° WAND

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.

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.

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 Gun Cleaner or XXX Universal Gun Cleaner.

For full details, refer to the Technical Data Sheet.

Part No. | Name                                      | Size        |
---------|-------------------------------------------|-------------|
39573    | Rust Preventer Cavity Wax                 | 24 oz. Aerosol |
39574    | Rust Preventer Cavity Wax Cone Top Quart  |             |
71109    | Premium Undercoat Applicator              | Each        |
71110    | Premium Undercoat Applicator & Wand       | Each        |
71111    | Spray Wand                                | 30”         |
71120    | Rust Preventer Aero Wand                  | 24”         |
**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**

**Part No.** | **Name** | **Size**
--- | --- | ---
39513 | Rubberized Undercoating White* | 24 oz. Aerosol
39523 | Rubberized Undercoating | 24 oz. Aerosol
40524 | Low VOC Rubberized Undercoating | Cone Quart

*Not available in Canada

**Part No.** | **Name** | **Size**
--- | --- | ---
39463 | Undercoating | 24 oz. Aerosol
40463 | Low VOC Undercoating | 24 oz. Aerosol

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