



# RUST SEAL™

## TECHNICAL DATA SHEET



Check local VOC regulations to ensure compliance of all products in your area.

## DESCRIPTION

**Rust Seal** is a dual-purpose acidic compound that neutralizes mild rust and provides a temporary rust-protective layer prior to topcoating.

## FEATURES

- Neutralizes rust
- Leaves a tough protective coating
- May be left exposed temporarily in controlled environments
- Must be topcoated to prevent further oxidation
- Apply with brush or roller
- Can be sanded for before application of topcoat
- Requires minimal surface preparation

## SUITABLE SUBSTRATES

- Rusted ferrous metal surfaces

## TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
39304	Rust Seal	Milky Green	Quart
39308	Rust Seal	Milky Green	Pint

Active ingredient:	Formic acid and acrylic emulsion
Theoretical coverage:	486 sq.ft./gal at 1 mil
Cure time:	Dry to touch in 15-20 minutes
Actual VOC less exempts:	0.5 #/gal (60 g/L)
Regulatory VOC:	195 g/L

## HANDLING AND APPLICATION

### PREPARATION:

Degrease with **SEM Solve** or **XXX Universal Surface Cleaner** and remove loose scale and paint with a wire brush. Rinse with water to remove salt or chemicals and allow to dry. It is not necessary to remove all traces of rust.

### MIXING:

Shake or stir thoroughly. The use of rubber gloves is recommended to avoid staining hands. Pour **Rust Seal** into a plastic or glass container.



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## APPLICATION:

### Important:

Do not use on bare metal or sand blasted surfaces as rust must be present for transformation to occur.

Apply with a brush or roller. For heavily rusted surfaces, brushing is suggested. Do not pile on as this will cause slow drying and produce a gummy film. After application of first coat, allow 5 to 10 minutes before applying second coat.

Do not apply when air and surface temperatures are below 55°F (13°C) or above 85°F (29°C). Do not use in direct sunlight. Do not pour unused portion back into container. Normally two coats of **Rust Seal** are sufficient for rust corrosion. For additional protection, some surfaces may require one extra coat. Two to three thin coats protect better than one thick coat. Allow 12 hours drying time if **Rust Seal** is to be used as the foundation for body filler or paint.

### Note:

**Rust Seal** should only be applied to rusted ferrous metal surfaces.

## CLEANUP:

Clean equipment with soap and water. Any excess **Rust Seal** on paint or surrounding surfaces should be cleaned immediately and thoroughly as **Rust Seal** may discolor paint. Please refer to the SDS for additional cleanup information.

## STORAGE:

**Rust Seal** should be stored in a cool, dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **Rust Seal** is 3 years when stored under normal conditions.

## RELATED PRODUCTS:

Part:	Product Name:	Size:
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5 Gallon
77771	XXX Universal Surface Cleaner	Gallon
77774	XXX Universal Surface Cleaner	Quart



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### **Technical Consultation Service**

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

### **Disclaimer:**

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Users should review the Safety Data Sheet (SDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the SDS and product label are available upon request.