STOPS RUST®
RUST REFORMER

DESCRIPTION AND USES

RUST-OLEUM® Stops Rust® Rust Reformer is a water-based film forming product that chemically converts rust into a smooth, paintable surface, so there is no need to sand to bare metal. Products are available in both spray and brush for flexibility in application.

PRODUCTS

SKU	DESCRIPTION
215215	Rust Reformer Aerosol
7830730	Rust Reformer 8 oz.

PRODUCT APPLICATION

SURFACE PREPARATION

Do not use on non-rusted surfaces. Remove all dirt, grease, oil, salt, and chemical contaminants by washing the surface with a commercial detergent, or other suitable cleaning method. Rinse with fresh water and allow to thoroughly dry. Scrape and wire brush or power tool clean to remove loose rust, scale, and deteriorated coatings.

WARNING: If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

APPLICATION

Use outdoors or in a well-ventilated area such as an open garage. Apply when temperature is between 50-90°F (10- 32°C) and humidity is below 65% to ensure proper drying. Do not apply to surfaces, when heated, exceed 200°F (93°C). Do not apply to galvanized steel. Avoid spraying in very windy and dusty conditions. Cover surrounding area to protect from spray mist.

PRODUCT APPLICATION (cont.)

APPLICATION (cont.)

Aerosol: Shake can vigorously for one minute after the mixing ball begins to rattle. Shake often during use. If mixing ball fails to rattle DO NOT STRIKE CAN. Contact Rust-Oleum. Hold can upright 10-16" from surface and spray in a steady back-and-forth motion, slightly overlapping each stroke. Keep the can the same distance from the surface. Keep the can in motion while spraying. The coated surface will turn black. Do not use near open flame.

Brush: Stir contents before using. Pour a small amount of Rust Reformer into a separate non-metallic container. Brush the material evenly across the surface to be coated. The Rust Reformer will dry to a black film in about 15 minutes. Do not return any unused Rust Reformer to the original container. Doing so will contaminate the remaining material and reduce or eliminate its effectiveness.

DRY & RECOAT

Dry and recoat times are based on 70°F and 50% relative humidity. Allow more time at cooler temperatures.

Aerosol: Allow to dry for 24 hours. One coat is sufficient. If desired, apply a topcoat after 24 hours.

Brush: See physical properties on page 2.

CLEANUP

Aerosol: When finished spraying, clean valve immediately by turning can upside down and depressing spray button for 3-5 seconds. Clean up overspray with xylene or mineral spirits. Properly discard empty container. Do not burn or place in home trash compactor**.**

Brush: Spills should be cleaned up immediately with water. Clean brushes and tools with soap and water.

CLOGGING

If the valve clogs, twist and pull off spray tip and rinse in a solvent such as mineral spirits. Do not insert any object into can valve opening.

Form: GDH-732
Rev.: 101424

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PHYSICAL PROPERTIES

		STOPS RUST RUST REFORMER	
		AEROSOL	**BRUSH**
Resin Type		Oil modified Alkyd	Acrylic Vinylidine Chloride Copolymer
Appearance		Opaque liquid	Opaque liquid
MIR		0.70 Max	--
Fill Weight		10.25 ounces	--
Weight	**Per Gallon**	--	10.5 lbs.
	Per Liter	--	1.26 kg
Solids	**By Weight**	--	54.5 %
	By Volume	--	42.9 %
Volatile Organic Compounds		--	<30 g/l (0.24 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		1.5-2.5 mils (37.5-62.5µ)	1.5-2.5 mils (37.5-62.5µ)
Wet Film to Achieve DFT		--	4.0-6.0 mils (100-150µ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		8-12 sq. ft./can (0.74-1.10 m^2)	12-20 sq. ft./8 ounce container (1.2-2.0 m^2)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	**Touch**	20-40 minutes	20-40 minutes
	Handle	1 hour	1 hour
	Recoat	After 24 hours	Oil-based paint: 3 hours Lacquer or Aerosol: 3 days
Shelf Life		5 years	2 years
Flash Point		-156°F (-104°C)	>200°F (93°C)
Safety Information		For additional information, see SDS	

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RUST-OLEUM
Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, Illinois 60061
Phone: 800·481·4785
www.rustoleum.com

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