

RUST-OLEUM®**V2100 SYSTEM
RUST REFORMER®****DESCRIPTION AND USES**

Rust-Oleum® High Performance Rust Reformer® is a specially formulated coating containing a silane additive which is capable of reacting with iron oxide in the rusted steel. Once reacted with iron oxide the desiccant action of the silane helps inhibit further oxidation. Rust Reformer is for use on sound rusted steel surfaces and is not intended for use on clean metal or galvanized steel. The material dries to a hard black finish. A top coat is optional.

PRODUCTS

215634 V2100 System Rust Reformer®

PACKAGING

15 fl. oz. container, 6 aerosols packed to a carton

OPTIONAL TOPCOAT

V2100 System Enamel Aerosol

PRODUCT APPLICATION**SURFACE PREPARATION**

Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with Pure Strength® Cleaner/Degreaser item #3599402 or other suitable cleaner. Mold and mildew must be cleaned with a chlorinated cleaner or bleach solution. Rinse with fresh water and allow to dry.

Hand tool (SSPC-SP-2) or power tool (SSPC-SP-3) clean to remove loose rust to get to a sound rusted surface.

APPLICATION

Use when temperature is above 35°F (2°C) and humidity is below 85% to ensure proper drying. Surface temperature must be between 35-100°F (2-38°C). Use reformer on rusted surfaces. Protect surrounding surfaces from overspray. Overspray can carry a significant distance. Shake can for one minute after mixing ball is heard. Hold can 10-14 inches from surface. Apply several light passes a few minutes apart to avoid drips and runs. A single coat is sufficient for optimal performance.

Clean valve by turning can upside down and spray for 5 seconds. Some product will spray out. If clogged, remove tip and clean in thinner. Do not insert any object into can valve opening. Do not use with V2116838 High Temperature Aluminum or V2176838 High Temperature black.



TECHNICAL DATA

V2100 SYSTEM RUST REFORMER®

PHYSICAL PROPERTIES

		RUST REFORMER®
Resin Type		Modified alkyd
Pigment Type		Corrosion inhibitive pigment, magnesium silicate, carbon black, calcium carbonate
MIR		Maximum value of 1.2
Volatile Organic Compounds		<60% by weight
Fill Weight		15 oz. (426 g)
Recommended Dry Film Thickness (DFT) Per Coat		1-2 mils (25-50µ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		Approximately 14 sq. ft. (1.3 m²)
Dry Times at 70-80°F (21-27°C) and 50% rel. hum.	Tack-free	6-12 minutes
	Handle	1-2 hours
	Top Coat	24 hours
Dry Heat Resistance		200°F (93°C)
Shelf Life		5 years
Specifications and Performance Alternatives		Can be used in USDA-regulated facilities based on FSIS directive 11,000.4 (Rev. 4), November 24, 1995. Agriculture Canada accepted.
Safety Information	Flash Point	Below 0°F (-18°C)
	Contains	Acetone, xylene, toluene, ethylene glycol monobutyl ether
	Warning!	THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. DANGER! EXTREMELY FLAMMABLE, MAY CAUSE FLASH FIRE, CONTENTS UNDER PRESSURE, VAPOR HARMFUL, FOR INDUSTRIAL OR COMMERCIAL USE ONLY. SEE THE PRODUCT MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.

Calculated values are shown and may vary slightly from the actual manufactured material.

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