



# RUST-OLEUM® INDUSTRIAL ENAMEL AEROSOL

formerly Hard Hat® V2100/2200 System Finishes

## DESCRIPTION AND USES

Rust-Oleum® High Performance Aerosols are available in high gloss, semi-gloss, flat, metallic and fluorescent finishes. They apply easily and dry fast to a tough, attractive finish featuring superior coverage, color, and gloss retention and resist chipping, cracking and peeling. They are available in a variety of colors including safety and fluorescent colors, and many match popular Rust-Oleum Industrial Enamel gallon colors for uniform appearance of touch-ups.

Primer aerosols are used for maximum corrosion protection on clean, rusted or previously painted metal. They are fast dry, quick recoat rust inhibiting primers designed for use with the Rust-Oleum® High Performance Industrial Enamel Aerosols to optimize corrosion control.

Cold galvanizing aerosols are zinc-rich coatings that provide maximum corrosion resistance through galvanic protection. Use for touch-up and repair to damaged galvanized steel; production welds, galvanized ducts, storage tanks, fences, gutters, trucks, trailers, off-shore drilling rigs, utility towers, and more.

## PRODUCTS

### ENAMELS

V2102838	Crystal Clear	V2170838	Almond
V2115838	Silver Aluminum	V2171838	Tan
V2118838	Matte Aluminum	V2174838	Dark Brown
V2119838	Stainless Steel	V2175838	Chestnut Brown
V2123838	Light Blue	V2177838	Semi-Gloss Black
V2124838	Safety Blue	V2178838	Flat Black
V2125838	Deep Blue	V2179838	Black
V2133838	Safety Green	V2183838	Light Machine Gray
V2134838	Bright Green	V2184838	Dove Gray
V2137838	Dark Green	V2187838	Dark Machine Gray
V2138838	Hunter Green	V2188838	Smoke Gray
V2143838	Safety Yellow	V2190838	Flat White
V2147838	Industrial Yellow	V2192838	White
V2148838	Equipment Yellow	V2196838	Fleet White
V2155838	Safety Orange	2233838	Fluorescent Green
V2156838	Equipment Orange	2242838	Fluorescent Yellow
V2163838	Safety Red	2255838	Fluorescent Orange
V2164838	Bright Red	2264838	Fluorescent Red
V2167838	Safety Purple		

### PRIMERS

V2169838	Red Primer	V2182838	Gray Primer
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### HIGH HEAT COATING

V2116838	High Temperature Aluminum
V2176838	High Temperature Black

### GALVANIZING

V2117838	Bright Galvanizing Compound
V2185838	Cold Galvanizing Compound

## PACKAGING

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

## PRODUCT APPLICATION

### SURFACE PREPARATION

**ALL SURFACES:** 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.

**STEEL:** Hand tool (SSPC-SP-2) or power tool (SSPC-SP-3) clean to remove loose rust, mill scale, and deteriorated previous coatings.

**PREVIOUSLY COATED:** Previously coated surfaces must be sound and in good condition. Smooth, hard, or glossy finishes should be scarified by sanding to create a surface profile. Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause adverse effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For additional information, contact the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD.

### APPLICATION

Use when temperature is above 50° F (10° C) and humidity is below 85% to ensure proper drying. Surface temperature must be between 50° F-100° F (10° C-38° C). Use Primer on bare or 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" from surface. Apply several light coats a few minutes apart to avoid drips and runs. Recoat within 1 hour or after 24 hours; allow more time in cooler temperatures. Clean valve by turning can upside down and spray for 5 seconds. Some paint will spray out. If clogged, remove tip and clean in thinner. Do not insert any object into can valve opening. Do not use any primer with V2116838 High Temperature Aluminum or V2176838 High Temperature Black.

**PHYSICAL PROPERTIES**

		ENAMELS & HIGH HEAT COATING	PRIMERS	COLD GALVANIZING
<b>Resin Type</b>		All 2200 products: Acrylic Polymer V2102838, V2115838, V2118838, and V2119838: Acrylic All others: Modified Alkyd	Modified Alkyd and Acrylic	Epoxy Ester
<b>Pigment Type</b>		Varies	Zinc phosphate, Zinc Molybdate, Talc, Calcium Carbonate, Red Iron Oxide (2169838), Titanium Dioxide and Carbon Black (2182838)	V2117838 contains 80% zinc and 12% aluminum (in the dry film) V2185838 contains 93% zinc (in the dry film)
<b>Volatile Organic Compounds</b>		Finishes: < 65% by Wt. Metallics: < 80% by Wt.	< 60% by Wt.	< 60% by Wt.
<b>MIR</b>		Finishes: -Maximum value of 1.4 Metallics: Maximum value of 1.9	Maximum value of 1.2	Maximum value of 1.2
<b>Fill Weight</b>		V2102, V2115, V2118, V2119 and all 2200s: 14 oz. (398 g) All others: 15 oz. (426 g)	15 oz. (426 g)	20 oz. (568 g)
<b>Recommended Dry Film Thickness Per Coat</b>		1–2 mils (25–50 µ)	1–2 mils (25–50 µ)	1–2 mils (25–50 µ)
<b>Practical Coverage Per Container at Recommended DFT</b>		V2100 finishes: Approx. 14 sq. ft. (1.3 m) 2200 finishes: Approx. 10 sq. ft. (0.9 m)	Approx. 14 sq. ft. (1.3 m)	Approx. 14 sq. ft. (1.3 m)
<b>Dry Times at 70° F (21° C) and 50% Relative Humidity</b>	<b>Tack-free</b>	10–20 minutes	10–20 minutes	10–20 minutes
	<b>Handle</b>	1–2 hours	1–2 hours	1–2 hours
	<b>Recoat</b>	Within 1 hour or after 48 hours V2102838, V2115838, V2118838, V2119838, and 2200: Recoat anytime	at any time	at any time
<b>Dry Heat Resistance</b>		200° F (93° C) 1000° F (538° C) for the V2166838 and V2176838 high heat coatings	200° F (93° C)	200° F (93° C)
<b>Shelf Life</b>		5 years	5 years	5 years
<b>Specification and Performance Alternatives</b>		Can be used in USDA – regulated facilities based on FSIS Directive 11,000.4 (Rev. 4), November 24, 1995. Agriculture Canada accepted.		
<b>Safety Information</b>	<b>Flash Point</b>	Below 0° F (-18° C)	Below 0° F (-18° C)	Below 0° F (-18° C)
	<b>Contains</b>	Acetone, xylene and toluene (fluorescents also contain hexane)	Acetone, xylene and toluene (fluorescents also contain hexane)	Acetone, xylene and toluene (fluorescents also contain hexane)
	<b>Warning!</b>	<p><b>THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.</b></p> <p><b>DANGER! EXTREMELY FLAMMABLE. MAY CAUSE FLASH FIRE. CONTENTS UNDER PRESSURE. VAPOR HARMFUL. FOR INDUSTRIAL OR COMMERCIAL USE ONLY.</b></p> <p><b>SEE THE PRODUCT MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.</b></p>		

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

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