



**RUST-OLEUM®
HIGH HEAT ULTRA**

DESCRIPTION AND USES

Rust-Oleum® High Heat Ultra is a rust-preventive enamel designed to provide deep color and rich sheen to protect indoor and outdoor high heat applications. This durable semi-gloss finish retains excellent gloss and color retention after repeated heating. High Heat sprays withstand temperatures up to 1200°F (648°C). Ideal for the exterior of barbecue grills, wood stoves, radiators, fire pits, fireplace screens, automotive parts, and more.

PRODUCTS

SKU	DESCRIPTION
241169	Semi-Gloss Black
241230	Semi-Gloss Brown
241232	Semi-Gloss Aged Copper
270201	Semi-Gloss Silver

PRODUCT APPLICATION

SURFACE PREPARATION

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. Remove loose paint and rust with a wire brush or sandpaper. 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.

WARNING! If you scrape, sand, or remove old paint from any surface, you may release lead paint 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.

PRODUCT APPLICATION (cont.)

APPLICATION

Use outdoors or in a well-ventilated area such as an open garage. Use when temperature is between 50°F (10°C) and 90°F (32°C) and humidity is below 85% to ensure proper drying. Priming is not recommended. Do not use on metal directly exposed to open flame or in direct contact with food, such as a grill grate. Avoid application in very windy and dusty conditions. Cover surrounding area to protect from spray mist.

Shake can vigorously for one minute after the mixing ball begins to rattle. If mixing ball fails to rattle DO NOT STRIKE CAN. Contact Rust-Oleum. Shake often during use. 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 and keep in motion while spraying. Apply two or more light coats a few minutes apart to avoid drips and runs. Do not use near open flame.

DRY & RECOAT TIMES

Dry and recoat times are based on 70°F and 50% relative humidity. Allow more time at cooler temperatures. Dries to touch in 30 minutes and to handle in 1-2 hours. Allow paint to dry for 1 hour before heating. Upon first heating, product may emit smoke and harmless odor. May recoat at any time. Heat curing is required for temperature use over 500°F. To improve performance and durability, heat cure at 450°F for one hour.

CLEAN-UP

Clean valve immediately after use by turning can upside down and depressing spray button for 3-5 seconds. Clean-up wet paint with xylene or mineral spirits. Properly discard empty container. Do not burn or place in home trash compactor.

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.

• TRUSTED QUALITY SINCE 1921 • RUST-OLEUM SPECIALTY	TECHNICAL DATA	SPC-29
RUST-OLEUM® HIGH HEAT ULTRA		

PHYSICAL PROPERTIES

		HIGH HEAT ULTRA
Resin Type		Modified Silicone
Pigment Type		Black Manganese Ferrite, Chromite Black
Solvents		Acetone and Aromatic Hydrocarbons
MIR		1.85 Max
Fill Weight		12 ounces
Recommended Dry Film Thickness (DFT) per Coat		1.0-2.0 mils (25-50μ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		7.0-8.0 sq. ft./can (0.63-0.72 m ² /can)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	30 minutes
	Handle	1-2 hours
	Recoat	At any time
	Full Cure	Allow paint to dry 1 hour then heat cure @ 450°F (230°C) for 1 hour
Dry Heat Resistance		1200°F (648°C)
Shelf Life		5 years
Flash Point		-156°F (-104°C)
Warning!		For additional information, see SDS

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

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.



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