



# CERAMIC ENGINE ENAMEL

## DESCRIPTION AND USES

Rust-Oleum® Ceramic Engine Enamel contains ceramic technology and a breakthrough resin system that provides up to 50% better color and gloss retention. It is formulated to create a smooth finish on automotive engines and other automotive surfaces which reach intermittent temperatures up to 550°F (288°C). Ceramic Engine Enamel features an advanced spray system that allows you to spray at any angle, even upside down for those hard to reach areas. A comfort spray tip with a wider finger pad reduces fatigue caused by continuous spraying. Not intended for use on exhaust manifolds or other exhaust system components.

## PRODUCTS

SKU	Description
271987	Gloss Black (12 oz.)
272001	Chevy Orange (12 oz.)
272004	Semi-Gloss Black (12 oz.)
272006	Low Gloss Black (12 oz.)
272007	Grabber Green (12 oz.)
272008	Old Ford Blue (12 oz.)
272009	Aluminum (12 oz.)
272010	Cast Coat Aluminum (11 oz.)
272012	Ford Red (12 oz.)
272013	Chrysler Industrial Red (12 oz.)
272014	Universal White (12 oz.)
272015	Ford Light Blue (12 oz.)
272016	Ford Gray (12 oz.)
272017	Cast Coat Iron (11 oz.)
272018	Daytona Yellow (12 oz.)
272019	Chevy Red-Orange (12 oz.)
272020	Clear (11 oz.)

## PRODUCT APPLICATION

### PAINTING CONDITIONS

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

### PRIMING

Use Rust-Oleum 275195 Engine Primer designed specifically for use with Ceramic Engine Enamel provides for best adhesion and gloss hold out. Rust-Oleum 275195 Engine Primer is especially recommended when applying Engine Enamel to bare metal.

## PRODUCT APPLICATION (cont.)

### SURFACE PREPARATION

Wash the surface with a commercial detergent, or other suitable cleaning method. Rinse with fresh water and dry with a clean cloth. Remove loose paint and rust with a wire brush or sandpaper. Lightly sand smooth and glossy surfaces.

**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](http://www.epa.gov/lead).

### APPLICATION

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 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 in motion while spraying. Apply 2 or more light coats a few minutes apart. Do not use near open flame.

### DRY & RECOAT

Dry and recoat times are based on 70°F (21°C) and 50% relative humidity. Allow more time at cooler temperatures. Dries to the touch in 20 minutes and dries to handle in 1 hour. Apply a second coat or Clear Coat after dry to touch. After all solvents have completely evaporated (24-48 hours) the dry paint film must be cured to substantially increase coating properties. Bake at 200°F (93°C) for 1 hour or use the heat from the operating engine.

### CLEAN-UP

Wipe off tip when finished. 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.



## TECHNICAL DATA

# CERAMIC ENGINE ENAMEL

### PHYSICAL PROPERTIES

		CERAMIC ENGINE ENAMEL
Resin Type		Silicone Modified Acrylic
Pigment Type		Varies with Color
Solvents		Acetone and Methyl Ethyl Ketone
MIR		0.95 Max
Fill Weight		12 ounces (272010, 272017 and 272020 11 oz. fill)
Recommended Dry Film Thickness (DFT) Per Coat		1.0-1.5 mils (25-37.5µ)
Practical Coverage at Recommended DFT		10-12 sq. ft./can (0.90-1.09 m <sup>2</sup> /can)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	20 minutes
	Handle	1 hour
	Recoat	Anytime
	Full Cure	Bake at 200°F (93°C) for 1 hour
Dry Heat Resistance		550°F (288°C) Intermittent
Shelf Life		5 years
Flash Point		-156°F (-104°C)
Safety Information		For additional information, see SDS

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