ENGINE PRIMER

DESCRIPTION AND USES

Rust-Oleum® Engine Primer bonds to bare metal and helps create a smooth surface for top coat application. It is formulated to prevent rust and is recommended for use on automotive engines and other automotive surfaces which reach intermittent temperatures up to 500°F (260°C). For maximum protection, top coat with Rust-Oleum Engine Enamel. Engine Primer 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.

PRODUCTS

SKU (12 ounce spray)	Description
249410	Gray

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 85% to ensure proper drying. Do not apply to galvanized metal. Do not use on metal directly exposed to flames. Avoid spraying in very windy and dusty conditions. Cover surrounding area to protect from spray mist.

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 until the metal surface is completely bare. 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.eps.gov/lead**.**

PRODUCT APPLICATION (cont.)

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 12-16" 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. For best adhesion, apply ONE thin coat. Do not apply a heavy coat or multiple coats of Auto Plastic Primer. 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. Top coat after 1 hour. Apply a second coat or top coat within 1 hour or after 48 hours.

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

ENGINE PRIMER

PHYSICAL PROPERTIES

		ENGINE PRIMER
Resin Type		Modified Alkyd
Pigment Type		Titanium Dioxide
Solvents		Acetone, Aliphatic and Aromatic Hydrocarbons
MIR		1.20 Max
Fill Weight		12 ounces
Recommended Dry Film Thickness (DFT) Per Coat		1.5-2.5 mils (37.5-62.5µ)
Practical Coverage at Recommended DFT		10-12 sq. ft./can (0.90-1.09 m^2/can)
Dry Times at 70°F (21°C) and 50% Relative Humidity	**Touch**	20 minutes
	Handle	1 hour
	Recoat	Within 1 hour or after 48 hours
Dry Heat Resistance		500°F (260°C) Intermittent
Shelf Life		5 years
Flash Point		-156°F (-104°C)
Safety Information		For additional information, see MSDS

RUST-OLEUM BRANDS

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