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Dupli-Color DE1606

Dupli-Color Engine Enamel with Ceramic, Ford Dark Blue (Model DE1606) Instruction Manual

Model: DE1606

1. Product Overview

Dupli-Color Engine Enamel with Ceramic is formulated to provide maximum heat dissipation and gloss retention for automotive engine components. This enamel offers protection against excessive heat and various automotive fluids, making it suitable for under-the-hood applications. The durable formula resists temperatures up to 500°F intermittently and is designed to prevent blistering, flaking, cracking, or peeling.





Image: Dupli-Color Engine Enamel with Ceramic, Ford Dark Blue spray can.

2. Safety Information

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other

reproductive harm. Always read and follow all warnings and instructions on the product label.

Always prioritize safety when using this product. Failure to follow safety precautions can result in serious injury or property damage.

- **Ventilation:** Use in a well-ventilated area. Avoid breathing vapors. If using indoors, ensure adequate fresh air circulation or use a respirator.
- **Protective Gear:** Wear appropriate personal protective equipment, including safety glasses or goggles, chemical-resistant gloves, and protective clothing.
- **Flammability:** This product is extremely flammable. Keep away from heat, sparks, open flames, and other ignition sources. Do not smoke while using.
- **Storage:** Store in a cool, dry place away from direct sunlight and extreme temperatures. Keep out of reach of children and pets.
- **Disposal:** Dispose of contents and container in accordance with local, regional, national, and international regulations.

For detailed safety data, refer to the official Safety Information PDF:Safety Information (PDF).

3. Preparation (Setup)

Proper surface preparation is critical for optimal adhesion and finish quality.

1. **Clean the Surface:** Thoroughly clean the engine component to remove all dirt, grease, oil, rust, and loose paint. Use a degreaser or wax and grease remover. Allow the surface to dry completely.
2. **Sand the Surface:** Lightly sand glossy surfaces with fine-grit sandpaper (e.g., 320-400 grit) to create a profile for better adhesion. Wipe away sanding dust with a tack cloth.
3. **Masking:** Mask off any areas not intended for painting, such as hoses, wires, sensors, and adjacent components, using painter's tape and masking paper or plastic.
4. **Primer (Optional but Recommended):** For best results, especially on bare metal or heavily rusted surfaces, apply a high-temperature engine primer. Follow the primer manufacturer's instructions for application and drying times.





Image: Dupli-Color Gray Engine Primer, recommended for optimal adhesion.

4. Application (Operating)

Follow these steps for effective application of Dupli-Color Engine Enamel.

1. **Shake Can:** Shake the aerosol can vigorously for one minute after the mixing ball begins to rattle. Continue to shake occasionally during use.
2. **Test Spray:** Test spray on a scrap piece of material to ensure color match and spray pattern.
3. **Apply Light Coats:** Hold the can 10-12 inches from the surface. Apply several light, even coats with a steady, sweeping motion. Avoid heavy coats to prevent runs and drips.
4. **Recoat Time:** Allow 10 minutes between coats. Apply 2-3 coats for optimal coverage and durability.

5. **Clear Coat (Optional):** For enhanced gloss and protection, a high-temperature clear coat can be applied after the final color coat has dried for at least 30 minutes.
6. **Curing:** The paint is tack-free in 30 minutes and can be handled in 1 hour. Full cure time is 1 hour. For maximum hardness and heat resistance, allow the painted part to air dry for 24 hours before exposing to high heat or automotive fluids.

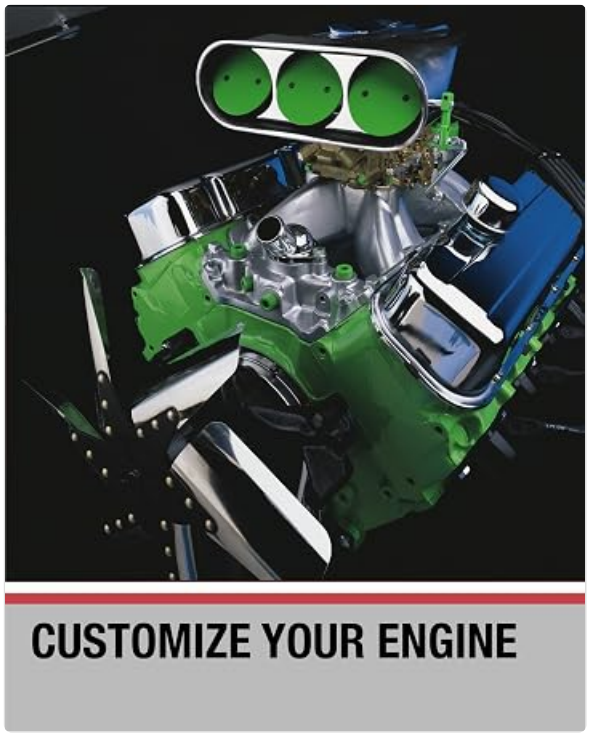


Image: Example of a customized engine component after painting.

5. Post-Application Care

Once the paint has fully cured, the engine enamel provides a durable finish. To maintain the appearance and integrity of the painted surface:

- Avoid harsh chemical cleaners that may degrade the paint finish.
- Clean painted surfaces with mild soap and water, and a soft cloth.
- Regularly inspect for any signs of damage or wear, especially in high-stress areas.

6. Troubleshooting

- **Runs or Sags:** Caused by applying paint too heavily or holding the can too close. Apply lighter, more even coats. If wet, wipe off and reapply. If dry, sand lightly and reapply.
- **Uneven Finish/Poor Adhesion:** Often due to inadequate surface preparation (e.g., not cleaning or sanding properly). Ensure the surface is clean, dry, and properly prepared before painting.
- **Poor Coverage:** May require additional light coats. Ensure proper shaking of the can before and during application.
- **Clogging Nozzle:** If the nozzle clogs, remove it and clean with a thin wire or solvent. Do not stick a pin into the can opening. Replace the nozzle. To prevent clogging, invert the can and spray until clear gas appears after each use.

7. Specifications

Feature	Detail

Feature	Detail
Brand	Dupli-Color
Model Number	DE1606
Color	Ford Dark Blue
Finish Type	High-Gloss
Item Volume	12 fluid ounces
Paint Type	Enamel with Ceramic
Special Feature	Resistant to Oil & Fluids, Heat Resistant up to 500°F
Surface Recommendation	Metal
Indoor/Outdoor Usage	Outdoor
Full Cure Time	1 hour (for handling), 24 hours (for maximum hardness/heat resistance)
Coverage	12 ft²/can - 14 ft²/can
Item Weight	1 pound

8. Warranty and Support

Dupli-Color guarantees customer satisfaction with this product. If you have any questions, concerns, or require technical assistance, please contact Dupli-Color customer support through their official website or the retailer where the product was purchased.

For more information, visit the Dupli-Color Store on Amazon.

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