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› TAMIYA Spray Lacquer TS-40 Metal Black (Model 85040-000) Instruction Manual

TAMIYA 85040-000

TAMIYA Spray Lacquer TS-40 Metal Black Instruction Manual

Model: 85040-000

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of TAMIYA Spray Lacquer TS-40 Metal Black. This high-quality lacquer spray paint is designed for model enthusiasts, offering a durable and consistent finish on various surfaces, particularly metal. Please read all instructions carefully before use to ensure optimal results and safety.





Image 1.1: TAMIYA Spray Lacquer TS-40 Metal Black can. This image displays the product's aerosol can packaging, featuring the TAMIYA COLOR MINI branding and the TS-40 color code.

2. SAFETY INFORMATION

Always prioritize safety when working with aerosol paints. Failure to follow these guidelines may result in injury or property damage.

- **Ventilation:** Use in a well-ventilated area. Avoid inhaling vapors. If working indoors, ensure adequate airflow or use a respirator.
- **Flammability:** This product is extremely flammable. Keep away from heat, sparks, open flames, and hot surfaces. Do not smoke during application.
- **Eye Protection:** Wear appropriate eye protection (e.g., safety goggles) to prevent accidental spray contact.
- **Skin Protection:** Wear gloves and long sleeves to prevent skin contact. Wash hands thoroughly after handling.
- **Storage:** Store in a cool, dry place, away from direct sunlight and temperatures above 120°F (49°C). Keep out of reach of children and pets.
- **Disposal:** Dispose of empty cans and any waste materials according to local regulations. Do not puncture or incinerate cans, even when empty.

- **First Aid:** In case of eye contact, flush with water for several minutes. In case of skin contact, wash with soap and water. If inhaled, move to fresh air. Seek medical attention if irritation persists or if swallowed.

3. SETUP AND PREPARATION

Proper preparation is crucial for achieving a smooth and durable finish.

1. **Surface Cleaning:** Ensure the surface to be painted is clean, dry, and free of dust, grease, oil, and rust. For best adhesion, lightly sand smooth surfaces.
2. **Masking:** Protect areas not intended for painting using masking tape and paper or plastic sheeting.
3. **Shake Can:** Shake the spray can vigorously for at least one minute after the mixing ball begins to rattle. Continue shaking periodically during application.
4. **Test Spray:** Before applying to your model, perform a test spray on a scrap piece of material to check color, spray pattern, and consistency.

4. OPERATING INSTRUCTIONS (APPLICATION)

Follow these steps for optimal application of TAMIYA Spray Lacquer.

1. **Distance:** Hold the can approximately 8-12 inches (20-30 cm) from the surface.
2. **Application Technique:** Apply paint in light, even coats using a steady, sweeping motion. Avoid holding the can stationary to prevent drips and uneven coverage.
3. **Multiple Coats:** It is better to apply several thin coats than one thick coat. Allow each coat to dry to the touch before applying the next.
4. **Drying Time:** Drying times can vary based on temperature, humidity, and coat thickness. Generally, allow 10-15 minutes between coats. Full cure may take 24 hours or more.
5. **Recoating:** For best results, recoat within 1 hour or after 24 hours to avoid lifting of previous coats.



Image 4.1: Hand holding TAMIYA Spray Lacquer can. This image illustrates the typical grip and size of the spray can during application.

5. MAINTENANCE AND STORAGE

Proper care ensures the longevity of your spray paint.

- **Cleaning the Nozzle:** After each use, invert the can and spray until only clear propellant comes out. This prevents the nozzle from clogging.
- **Storage:** Store the can upright in a cool, dry, well-ventilated area, away from direct sunlight and extreme temperatures. Ensure the cap is securely placed.

6. TROUBLESHOOTING

Common issues and their solutions:

- **Clogged Nozzle:** If the nozzle clogs, remove it and clean it with a thin wire or solvent. Do not use a pin to clear the nozzle while it is on the can. Replace if necessary.
- **Uneven Spray/Spitting:** Ensure the can is thoroughly shaken before and during use. Maintain consistent distance and motion during application.
- **Drips/Runs:** This usually indicates applying too much paint in one coat or holding the can too close. Apply thinner, more even coats.
- **Poor Adhesion:** Ensure the surface was properly cleaned and prepared (e.g., sanded if very smooth).

7. SPECIFICATIONS

Brand	TAMIYA
Model Number	85040-000
Color Code	TS-40 Metal Black
Finish Type	Gloss
Item Volume	100 Milliliters
Paint Type	Lacquer Spray
Special Feature	Rust Resistant
Surface Recommendation	Metal
Indoor/Outdoor Usage	Indoor, Outdoor
Water Resistance Level	Water Resistant
Coverage	Approximately 2-3, 1/24 scale sized car bodies
Item Weight	4.6 ounces
Product Dimensions	2.05 x 2.05 x 2.05 inches

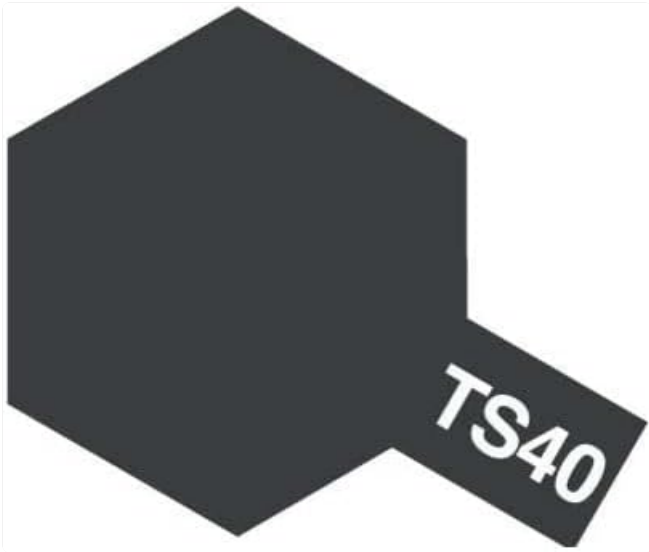


Image 7.1: TAMIYA TS-40 color swatch. This hexagonal graphic displays the specific Metal Black color of the TS-40 lacquer.

8. WARRANTY AND SUPPORT

TAMIYA products are manufactured to high standards. For specific warranty information or technical support, please refer to the official TAMIYA website or contact their customer service directly. Keep your purchase receipt as proof of purchase. For further assistance, please visit the [TAMIYA official website](#).

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