

TAMIYA TAM86060

Tamiya Polycarbonate PS-60 Bright Mica Red Spray Paint Instruction Manual

Model: TAM86060

1. INTRODUCTION AND PRODUCT OVERVIEW

The Tamiya Polycarbonate PS-60 Bright Mica Red Spray Paint is specifically formulated for decorating transparent polycarbonate bodies commonly used in R/C car modeling. Each can contains 100ml of paint, which is typically sufficient for painting one complete model body. This paint is designed for application to the interior surface of the body shell, a method distinct from painting traditional plastic models. Once cured, the paint is resistant to oil and fuels, making it suitable for gas-powered R/C bodies.

Important Note: This paint is exclusively for polycarbonate surfaces. Do not use this product on standard plastic models.



Image 1.1: A 100ml aerosol can of Tamiya Polycarbonate PS-60 Bright Mica Red spray paint, designed for RC car bodies.

2. SAFETY INFORMATION AND PRECAUTIONS

This product is an aerosol spray paint and requires careful handling. Adhere to all safety warnings printed on the product label and packaging.

- **DANGER:** Extremely flammable. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
- Contains Acetone and harmful solvents. May be fatal if concentrated and inhaled. Use only in a well-ventilated area. Avoid breathing vapor or spray mist.
- Contents under pressure. Do not puncture or incinerate can. Do not expose to temperatures exceeding 120°F (49°C).
- Keep out of reach of children.
- Wear appropriate personal protective equipment, including gloves and eye protection, during application.
- Ensure adequate ventilation to prevent vapor accumulation.
- Dispose of contents/container in accordance with local regulations.

3. SETUP AND PREPARATION

Proper preparation is crucial for achieving optimal results and paint adhesion.

1. **Clean the Polycarbonate Body:** Thoroughly wash the inside of the polycarbonate body shell with mild soap (such as dish detergent) and lukewarm water. This removes any mold release agents, oils, or dust.

Rinse completely and allow the body to air dry fully. Ensure no water spots or residue remain.

2. **Masking:** Mask off any areas you do not wish to paint, such as windows, headlights, or specific design elements, using high-quality masking tape designed for model painting. Ensure all edges are firmly pressed down to prevent paint bleed.
3. **Ventilation:** Work in a well-ventilated area, preferably outdoors or in a spray booth with proper exhaust.
4. **Shake the Can:** Shake the spray can vigorously for at least one minute after the mixing ball begins to rattle. Continue shaking periodically during application to ensure consistent color and finish.
5. **Test Spray:** Before applying to the model, perform a test spray on a scrap piece of polycarbonate or similar material to check the color and spray pattern.

4. OPERATING INSTRUCTIONS (PAINT APPLICATION)

Follow these steps for effective application of Tamiya PS-60 spray paint.

1. **Distance:** Hold the spray can approximately 30 cm (12 inches) away from the interior surface of the polycarbonate body.
2. **Thin Coats:** Apply paint in thin, even coats. Do not attempt to achieve full coverage in a single pass. Multiple thin coats will provide a smoother finish and prevent runs or drips.
3. **Drying Time Between Coats:** Allow each thin coat to dry for approximately 5-10 minutes (or until touch-dry) before applying the next. This prevents solvent trapping and ensures proper adhesion.
4. **Layering:** Continue applying thin coats until the desired color depth and opacity are achieved. For metallic or mica colors like PS-60 Bright Mica Red, multiple coats are often necessary to bring out the full effect.
5. **Backing Color (Optional but Recommended):** For brighter, more vibrant results and to protect the paint, it is often recommended to apply a backing color (e.g., Tamiya PS-1 White or PS-5 Black) after the main color has fully dried. This helps the color stand out and prevents light from shining through.
6. **Final Cure:** After the final coat (and backing color, if used) has been applied, allow the paint to cure completely. The recommended dry time is approximately 3 hours, but full hardness may take longer. Avoid handling the painted body excessively during this period.

5. MAINTENANCE AND STORAGE

- **Cleaning the Nozzle:** After each use, invert the can and spray for a few seconds until only clear propellant comes out. This clears the nozzle and prevents clogging. Wipe the nozzle clean with a cloth.
- **Storage:** Store the spray can in a cool, dry, well-ventilated area, away from direct sunlight, heat sources, and open flames. Ensure the cap is securely placed on the can.
- **Temperature:** Avoid storing in temperatures exceeding 120°F (49°C) or below freezing.
- **Disposal:** Dispose of empty cans or unused paint according to local hazardous waste regulations. Do not puncture or incinerate.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Paint runs or drips	Too much paint applied in one coat; can held too close to surface.	Apply thinner coats. Increase distance from surface (approx. 30 cm). Allow more drying time between coats.

Problem	Possible Cause	Solution
Uneven finish / "Orange Peel"	Can held too far away; insufficient shaking; cold paint/environment.	Ensure can is shaken thoroughly. Maintain proper distance. Work in a warm environment.
Poor adhesion / Peeling	Surface not properly cleaned; oil/grease residue; incompatible surface.	Thoroughly clean and dry the polycarbonate body before painting. Ensure it is only used on polycarbonate.
Clogged nozzle	Paint dried in nozzle after use.	Invert can and spray until clear propellant comes out after each use. If clogged, try soaking nozzle in paint thinner (ensure compatibility).

7. PRODUCT SPECIFICATIONS

Brand	TAMIYA
Model Name	TAM86060 (Tamiya PS-60)
Color	Bright Mica Red
Paint Type	Polycarbonate Spray Paint (Aerosol)
Finish Type	Matte (with Mica effect)
Volume	100 Milliliters (3.38 Fl Oz)
Surface Recommendation	Polycarbonate Plastic (RC Car Bodies)
Application Area	Interior of transparent body shells
Dry Time (Touch)	Approx. 5-10 minutes between coats
Dry Time (Cure)	Approx. 3 hours for initial cure
Special Features	Oil and fuel resistant (for gas-powered R/C bodies), Water Resistant
Product Dimensions	2.05 x 2.05 x 4.21 inches
Item Weight	4.8 ounces

8. WARRANTY INFORMATION

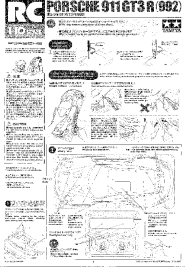




Tamiya products are manufactured to high-quality standards. Specific warranty details for this spray paint are not provided in the product information. For any concerns regarding product defects or performance, please retain your proof of purchase and contact Tamiya customer support or your retailer directly.

9. CUSTOMER SUPPORT

For further assistance, technical questions, or product inquiries, please refer to the official Tamiya website or contact their customer service department. Contact information can typically be found on the product packaging or the official Tamiya website.

Online Resources: [Visit Tamiya's Official Website](#)

Related Documents - TAM86060

	<p>Tamiya 51752 Porsche 911 GT3 R (992) RC Car Body Assembly and Painting Guide</p> <p>Comprehensive guide for assembling and painting the Tamiya 51752 1/10 scale RC Porsche 911 GT3 R (992) polycarbonate body. Includes detailed instructions, painting tips, and parts list.</p>
	<p>Tamiya 1/24 Peugeot 307 WRC Monte Carlo '05 Model Kit Assembly Instructions</p> <p>Detailed assembly instructions and painting guide for the Tamiya 1/24 scale model kit of the Peugeot 307 WRC, which competed in the 2005 Monte Carlo Rally. Includes parts list, tool recommendations, paint codes, and decal application tips.</p>
	<p>Tamiya ITEM 24373 Model Kit Paints - Color Guide and Information</p> <p>Explore the Tamiya ITEM 24373 collection, featuring a range of model kit paints including TS-8 Italian Red, LP-2 White, LP-63 Titanium Silver, and more. This guide provides color details and product codes for hobbyists.</p>
	<p>Tamiya 1/35 Tiger I Initial Production Model Kit Instructions</p> <p>Comprehensive guide for the Tamiya 1/35 scale model kit of the German Tiger I heavy tank, initial production variant. Features historical context, detailed assembly steps, and painting instructions for this iconic WWII vehicle.</p>
	<p>Tamiya 1/72 Mitsubishi A6M2b Zero Fighter Model Kit Instructions</p> <p>Comprehensive guide for the Tamiya 1/72 scale Mitsubishi A6M2b Zero Fighter model kit, featuring assembly instructions, painting schemes, decal application, and historical background of the iconic WWII aircraft.</p>



Rules & Regulations 2025 (REGIONAL EVENTS)	
1. GENERAL INFORMATION	1
2. DRIVER ELIGIBILITY	2
3. VEHICLE ELIGIBILITY	3
4. GENERAL VEHICLE RULES	4
5. ELECTRONICS	5
6. BATTERIES	6
7. CAR BODIES	7
8. MOTORS	8
9. TIRES	9
10. CLASS-SPECIFIC REGULATIONS	10
11. EURO TRUCK	11
12. GT-E	12
13. GT PRO SPEC	13
14. GT NOVICE	14
15. EVENT FORMATS	15
16. PRIZES	16
17. QUALIFICATION FOR TCS FINALS	17

[Tamiya Championship Series \(TCS\) 2025 Rules & Regulations](#)

Official rules and regulations for the Tamiya Championship Series (TCS) 2025 regional race events. Covers driver eligibility, skill levels, general vehicle rules, electronics, batteries, car bodies, motors, tires, class-specific regulations (GT-1, GT-2, M-Chassis, F1, Euro Truck, GT-E, GT Pro Spec, GT Novice), event formats, prizes, and qualification for TCS Finals.