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› TAMIYA Spray Lacquer TS-84 Metallic Gold (TAM85084) Instruction Manual

TAMIYA TAM85084

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Model: TAM85084

1. IMPORTANT SAFETY INFORMATION

This product contains hazardous materials. Read all warnings carefully before use.

- **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.
- **WARNING:** Contents under pressure. Do not puncture or incinerate container. Do not expose to temperatures exceeding 120°F (49°C).
- Keep out of the reach of children.
- Wear appropriate personal protective equipment (PPE), including gloves and eye protection, during handling and application.

Refer to the product label for additional warnings and first aid instructions.

2. PRODUCT OVERVIEW

The TAMIYA Spray Lacquer TS-84 Metallic Gold (TAM85084) is a high-quality spray paint designed for model building and hobby applications. It provides a durable, metallic gold finish suitable for various plastic surfaces.





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WARNING CONTENTS UNDER PRESSURE
Keep out of the reach of children.

100 ml net volume

Image of the TAMIYA Spray Lacquer TS-84 Metallic Gold can, showing the metallic gold cap and the Tamiya Color label with safety warnings.

3. SETUP AND PREPARATION

1. **Work Area Preparation:** Select a well-ventilated area, preferably outdoors or in a spray booth. Ensure the area is free from open flames, sparks, or any potential ignition sources. Protect surrounding surfaces from overspray using drop cloths or newspaper.
2. **Surface Preparation:** The surface to be painted must be clean, dry, and free of dust, grease, oil, and other contaminants. For optimal adhesion and finish, lightly sand smooth surfaces and apply a suitable Tamiya primer if recommended for your specific material.
3. **Environmental Conditions:** For best results, apply paint in a dry, dust-free environment with ambient temperatures between 68°F and 77°F (20°C and 25°C) and relative humidity below 60%. Avoid painting in direct sunlight, high humidity, or windy conditions.

4. OPERATING INSTRUCTIONS (APPLICATION)

1. **Shake Can Thoroughly:** Before use, shake the spray can vigorously for at least one minute after the mixing ball inside begins to rattle. Continue shaking periodically during the application process to ensure consistent color and finish.
2. **Test Spray:** Always perform a test spray on a scrap piece of material or an inconspicuous area of your model to check the color, spray pattern, and compatibility with the surface.
3. **Application Technique:**
 - Hold the spray can approximately 10-12 inches (25-30 cm) from the surface of the object.
 - Apply paint in thin, even coats using a steady, sweeping motion across the surface. Begin spraying off the object and end spraying off the object to ensure even coverage.
 - Avoid applying a single thick coat, as this can lead to runs, drips, or an uneven finish.
 - Allow each coat to dry for 10-15 minutes before applying the next. Multiple thin coats will yield a smoother, more professional result than one heavy coat.
4. **Drying Time:**
 - *Touch Dry:* Approximately 15-30 minutes.
 - *Handleable:* Approximately 1 hour.
 - *Fully Cured:* 24-48 hours, depending on ambient temperature and humidity. Allow sufficient time for the paint to fully cure before handling extensively or applying additional coatings.

5. MAINTENANCE

1. **Cleaning the Nozzle:** After each use, invert the spray can and spray for 2-3 seconds until only clear propellant is emitted. This clears any residual paint from the nozzle and prevents clogging for future use.
2. **Storage:** Store the spray can in a cool, dry place, away from direct sunlight, heat sources, and freezing temperatures. Ensure the cap is securely replaced to prevent accidental discharge or drying of the nozzle.

6. TROUBLESHOOTING

- **Clogged Nozzle:** If the nozzle becomes clogged, carefully remove it from the can and soak it in lacquer thinner. Do not use a pin or any sharp object to clear the nozzle, as this can damage the spray mechanism. If cleaning is unsuccessful, replace the nozzle.
- **Uneven Spray or Runs:** This typically occurs if the paint is applied too close to the surface, too slowly, or in excessively thick coats. Adjust your spraying distance and speed, and apply thinner, more even coats.
- **Poor Adhesion:** Ensure the surface was thoroughly cleaned and prepared before painting. Some materials may require a specific primer to achieve optimal adhesion.
- **Dull Finish:** If the metallic finish appears dull, ensure the can was shaken sufficiently before and during use. Applying too many thick coats can also reduce the metallic effect.

7. SPECIFICATIONS

- **Product Name:** TAMIYA Spray Lacquer TS-84 Metallic Gold
- **Model Number:** TAM85084
- **Volume:** 100 ml (net volume)
- **Product Dimensions:** Approximately 4.1 x 2.1 x 2.1 inches (can size)
- **Item Weight:** 0.005 ounces (product weight)
- **Manufacturer:** Tamiya
- **Type:** Lacquer Spray Paint
- **Color:** Metallic Gold
- **Recommended Age:** Adult supervision recommended for users under 18 due to hazardous materials.

8. WARRANTY AND SUPPORT

For detailed warranty information, technical support, or further assistance with your TAMIYA Spray Lacquer TS-84 Metallic Gold, please refer to the official Tamiya website or contact your local authorized Tamiya distributor. Product support details are typically available on the manufacturer's official channels.

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