

- Manuals.plus /
- › GSI Creos /
 - › GSI Creos Mr. Color C607 Semi-Flat JMSDF 2704 Gray (N5) Acrylic Paint Instruction Manual

GSI Creos C607

GSI Creos Mr. Color C607 Semi-Flat JMSDF 2704 Gray (N5) Acrylic Paint Instruction Manual

- Introduction
- Safety Information
- Setup
- Operating
- Instructions
- Maintenance
- Troubleshooting
- Specifications

1. INTRODUCTION

This manual provides instructions for the proper use and care of GSI Creos Mr. Color C607 Semi-Flat JMSDF 2704 Gray (N5) Acrylic Paint. This high-quality lacquer-based paint is designed for model building and hobby applications, offering excellent coverage and a durable semi-flat finish. Please read this manual thoroughly before use to ensure optimal results and safety.



Image 1: GSI Creos Mr. Color C607 Semi-Flat JMSDF 2704 Gray (N5) paint bottle. This image shows the 10ml bottle of the C607 paint, featuring the brand logo and product details on the label.

2. SAFETY INFORMATION

WARNING: This product contains chemicals that may be harmful if misused. Read all warnings and instructions carefully.

- **Ventilation:** Use in a well-ventilated area. Avoid inhaling paint fumes. If using an airbrush, ensure proper ventilation and consider wearing a respirator.
- **Skin and Eye Contact:** Avoid contact with skin and eyes. Wear protective gloves and safety glasses. In case of contact, wash thoroughly with soap and water. If irritation persists, seek medical attention.
- **Flammability:** This product is flammable. Keep away from heat, sparks, open flames, and hot surfaces. Do not smoke while using.
- **Ingestion:** Do not ingest. If swallowed, do not induce vomiting. Seek immediate medical attention.
- **Choking Hazard:** The product contains small parts (referring to the bottle and cap, or potentially internal mixing balls) that could be a choking hazard. Keep out of reach of small children.
- **Storage:** Store in a cool, dry, well-ventilated place, away from direct sunlight and sources of ignition. Keep container tightly closed when not in use.
- **Disposal:** Dispose of paint and related waste according to local regulations.

3. SETUP

3.1 Surface Preparation

Ensure the surface to be painted is clean, dry, and free of dust, grease, or other contaminants. For best adhesion, lightly sand smooth surfaces and prime if necessary.

3.2 Paint Preparation

1. **Shake Well:** Before each use, shake the paint bottle thoroughly for at least 1-2 minutes to ensure pigments are evenly mixed. A mixing ball inside the bottle aids this process.
2. **Thinning:** Mr. Color paints are typically lacquer-based and require thinning for most applications, especially airbrushing. Use GSI Creos Mr. Color Thinner or Mr. Leveling Thinner.
 - For *brush painting*, thin to a consistency that flows smoothly without leaving brush marks, typically a 1:1 to 1:2 paint-to-thinner ratio.
 - For *airbrushing*, thin to a milk-like consistency, usually a 1:2 to 1:4 paint-to-thinner ratio, depending on your airbrush and desired finish.
3. **Test:** Always test the thinned paint on a scrap piece before applying to your model to check consistency and color.

4. OPERATING INSTRUCTIONS

4.1 Brush Painting

- Apply paint in thin, even coats. Avoid applying thick layers, as this can lead to uneven drying and loss of detail.
- Allow each coat to dry completely before applying the next. Drying time varies based on humidity, temperature, and paint thickness, but typically 15-30 minutes between coats.

4.2 Airbrushing

- Set your airbrush pressure according to your paint consistency and desired spray pattern, typically between 15-25 PSI.
- Spray in light, even passes, maintaining a consistent distance from the surface. Overlapping passes slightly ensures even coverage.
- Apply multiple thin coats rather than one thick coat. This helps prevent pooling, runs, and preserves fine details.
- Allow adequate flash-off time between coats (a few minutes) and full drying time before handling or applying

subsequent layers (e.g., clear coats or weathering).

4.3 Drying Time

Mr. Color lacquer paints dry relatively quickly.

- **Touch Dry:** Approximately 5-10 minutes.
- **Recoat Time:** Approximately 15-30 minutes.
- **Full Cure:** 24 hours for complete hardness and durability.

These times can vary based on ambient temperature, humidity, and paint film thickness.

5. MAINTENANCE

5.1 Cleaning Tools

- **Brushes:** Clean brushes immediately after use with Mr. Color Thinner or a dedicated lacquer thinner. Rinse thoroughly and reshape bristles before storing.
- **Airbrush:** After each use, thoroughly clean your airbrush with Mr. Color Thinner. Disassemble and clean components as needed to prevent clogging.

5.2 Paint Storage

Ensure the paint bottle cap is tightly sealed after each use to prevent evaporation and drying. Store in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Paint not flowing smoothly / Clogging	Paint too thick; insufficient thinning; dried paint in nozzle/brush.	Thin paint further; clean airbrush/brush thoroughly with thinner.
Uneven finish / Orange peel effect	Paint too thick; spraying too far from surface; insufficient thinner.	Adjust thinning ratio; spray closer to surface; use Mr. Leveling Thinner for smoother finish.
Paint runs / Sags	Paint too thin; applying too much paint in one coat; spraying too close.	Reduce thinning; apply thinner coats; increase distance from surface.
Slow drying time	High humidity; low temperature; thick coats.	Ensure good ventilation; apply thinner coats; allow more drying time.

7. SPECIFICATIONS

- Brand:** GSI Creos
- Model Number:** C607
- Color:** JMSDF 2704 Gray (N5)
- Finish Type:** Semi-Flat
- Paint Type:** Lacquer-based Acrylic
- Item Volume:** 10 Milliliters (0.3 Fl Oz)
- Specific Uses:** Model building, hobby applications (Interior/Exterior)

Surface Recommendation: Various model surfaces (e.g., plastic, resin, metal)

Indoor/Outdoor Usage: Indoor (with proper ventilation)

Container Type: Bottle

Included Components: C607 Semi-Flat JMSDF 2704 Gray (N5) 10ml, GSI Mr. Color

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For further assistance, please refer to the official GSI Creos website or contact customer support.

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