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Mayco SG4101

Mayco Designer Liner Specialty Glaze Writer - SG410

INSTRUCTION MANUAL

Introduction

The Mayco Designer Liner SG410 is a concentrated, clay-based pigment designed for detailed application in ceramic arts. It is supplied in a 1.25 oz squeeze bottle equipped with a metal writer tip, allowing for precise lines and designs. This glaze fires to a matte finish and is versatile, suitable for use on clay, bisque, or over other glazes.

Product Overview



This image displays a ceramic surface adorned with a pattern of fine, wavy blue lines, demonstrating the precision achievable with the Mayco Designer Liner. The lines are consistent in thickness and show the matte finish characteristic of the fired glaze.

The Designer Liner SG410 is specifically formulated for creating fine details, outlines, and intricate patterns on ceramic surfaces. Its bright blue color provides a vibrant accent to your pottery and ceramic projects. The convenient squeeze bottle and metal tip ensure controlled application.

Setup

1. **Surface Preparation:** Ensure the ceramic piece (clay or bisque) is clean, dry, and free of dust, oils, or any contaminants that could affect glaze adhesion.
2. **Shake Bottle:** Gently shake the Designer Liner bottle for approximately 30 seconds before use to ensure the pigment is thoroughly mixed and consistent.
3. **Remove Cap:** Carefully remove the cap from the metal writer tip.

Operating Instructions

1. **Application:** Hold the bottle like a pen, positioning the metal tip directly onto the ceramic surface. Apply gentle, consistent pressure to the squeeze bottle to dispense the glaze.

- Drawing Designs:** Draw desired designs, lines, or details directly onto the ceramic. The fine metal tip allows for intricate work. For best results, maintain a steady hand and even pressure to achieve uniform lines.
- Drying:** Allow the applied glaze to dry completely before handling or firing. Drying time will vary depending on the thickness of the application and environmental humidity.
- Firing:** Fire the glazed piece according to the recommended firing schedule for Mayco glazes. This product typically fires to Cone 06 (1830°F / 999°C) for a matte finish. Always consult a ceramic firing chart for precise temperature and duration guidelines relevant to your kiln.

Maintenance

- Tip Cleaning:** Immediately after each use, clean the metal writer tip to prevent clogging. A small wire or needle can be used to clear any residual glaze from the tip.
- Storage:** Replace the cap securely after each use to prevent the glaze from drying out. Store the bottle upright in a cool, dry place, away from direct sunlight and extreme temperatures.
- Clog Prevention:** If the tip becomes clogged during use or storage, soak it in warm water for a few minutes, then use a fine tool to gently clear the obstruction.

Troubleshooting

- Clogged Tip:** If the metal writer tip is clogged, try soaking it in warm water for 5-10 minutes. Use a thin wire or needle to gently clear the obstruction. Ensure the tip is cleaned immediately after each use to prevent future clogs.
- Inconsistent Flow:** Inconsistent glaze flow may be due to insufficient shaking or air bubbles within the bottle. Shake the bottle thoroughly before use. If air bubbles are present, gently tap the bottle on a hard surface to encourage them to rise to the top.
- Uneven Lines:** Uneven lines can result from inconsistent pressure during application or a dirty tip. Practice on a scrap piece to achieve steady pressure. Clean the tip regularly to ensure smooth flow.
- Glaze Peeling or Flaking After Firing:** This issue can occur if the glaze was applied too thickly or if the ceramic surface was not adequately cleaned prior to application. Ensure thin, even application and proper surface preparation.

Specifications

Feature	Detail
Brand	Mayco
Model Name	SG410
Part Number	SG4101
Color	Bright Blue
Finish Type	Matte
Size	1.25 Ounces (35 Milliliters)
Paint Type	Specialty
Specific Uses	Arts and Crafts (Fine Details)

Feature	Detail
Surface Recommendation	Ceramic
Item Form	Liquid
Included Components	Metal Writer Tip
Item Weight	3.04 ounces
Product Dimensions	5 x 3.5 x 0.9 inches
Water Resistance Level	Not Water Resistant

Warranty and Support

For product support, inquiries, or to report issues, please contact Mayco customer service directly. Refer to the official Mayco website for the most current contact information and any available warranty details regarding their products.