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Vallejo VJ71176

Vallejo Model Air Basic Colors Acrylic Paint Set Instruction Manual

Model: VJ71176

1. INTRODUCTION

This manual provides essential information for the proper use and care of your Vallejo Model Air Basic Colors Acrylic Paint Set. This set includes 8 highly pigmented, water-based acrylic colors specifically formulated for airbrush application, but also suitable for traditional brushwork. The paints are pre-thinned for convenience and offer excellent coverage and durability for model painting, figure painting, and diorama creation.

2. PRODUCT CONTENTS

Your Vallejo Model Air Basic Colors set contains eight 17ml (0.57 fl.oz.) plastic eyedropper bottles of acrylic paint. The specific colors included are:

- 71.001 White
- 71.002 Medium Yellow
- 71.003 Red RLM23
- 71.004 Blue
- 71.007 Olive Green
- 71.057 Black
- 71.063 Silver RLM01
- 71.066 Gold



Image 1: The Vallejo Model Air Basic Colors Paint Set, featuring eight 17ml bottles with eyedropper caps, displaying the range of colors from white to gold.

3. SETUP

3.1. Preparation of Paints

Before each use, shake the paint bottles thoroughly for at least 30 seconds to ensure pigments are fully mixed. The eyedropper bottle design helps prevent paint evaporation and drying, but proper mixing is crucial for consistent color and performance.

3.2. Surface Preparation

Ensure your model or surface is clean, dry, and free of dust, grease, or other contaminants. For optimal adhesion and finish, especially on plastic surfaces, a suitable primer is recommended. Allow primer to dry completely before applying Model Air paints.

4. OPERATING INSTRUCTIONS

4.1. Airbrush Application

Vallejo Model Air paints are pre-thinned and generally do not require additional thinning for airbrush use. However, if your airbrush requires a thinner consistency due to specific nozzle size or air pressure, use Vallejo Airbrush Thinner. Recommended air pressure typically ranges from 15-20 PSI (1-1.4 bar). Apply paint in thin, even coats to build up color and avoid pooling. Allow each coat to dry to the touch before applying the next.



Image 2: Vallejo Airbrush Thinner, which can be used if further dilution is needed for specific airbrush setups.

4.2. Brush Application

While optimized for airbrushing, these paints can also be applied with a brush. Their pre-thinned consistency and ultra-fine pigment dispersion make them suitable for base coats, layering, weathering, and highlighting. For brush application, multiple thin coats are often more effective than one thick coat to achieve smooth, even coverage and avoid brush strokes. The metallic colors (Silver, Gold) offer a distinct finish.

4.3. Mixing Colors

Colors within the Model Air range can be mixed to create custom shades. Always mix thoroughly on a palette before application. Note that the blue pigment can be strong and may dominate mixtures, and the black pigment may show slight grittiness in very thin washes.

4.4. Drying Time

Vallejo Model Air paints typically dry to the touch within minutes, depending on humidity and coat thickness. Allow sufficient curing time (usually 24 hours) before handling painted models extensively or applying varnishes.

5. MAINTENANCE

5.1. Paint Storage

Store paint bottles upright in a cool, dry place away from direct sunlight and extreme temperatures. The eyedropper cap design helps maintain paint freshness and prevents drying in the container.

5.2. Cleaning Tools

Clean brushes and airbrushes immediately after use with water or a suitable acrylic cleaner. For airbrushes, thorough cleaning is essential to prevent clogging. Disassemble and clean airbrush components as per the airbrush manufacturer's instructions.



Image 3: A Vallejo paint storage case, illustrating an organized way to store paint bottles upright and protected.

6. TROUBLESHOOTING

6.1. Airbrush Clogging

If your airbrush clogs, it may be due to insufficient cleaning, dried paint, or paint that is too thick. Ensure thorough cleaning after each use. While Model Air paints are pre-thinned, a small amount of Vallejo Airbrush Thinner can be added if environmental conditions or specific airbrush models require it. Always filter paint if you suspect dried particles.

6.2. Uneven Coverage

Uneven coverage can result from improper surface preparation, applying coats too thickly, or insufficient mixing of the paint. Ensure the surface is clean and primed. Apply multiple thin, even coats, allowing each to dry. Always

shake bottles well before use.

7. SPECIFICATIONS

Feature	Detail
Brand	Vallejo
Model Name	Model Air Basic Colors
Item Model Number	VJ71176
Paint Type	Acrylic
Item Volume	136 Milliliters (total for 8 bottles)
Unit Count	4.56 Fluid Ounces (total for 8 bottles)
Number of Pieces	8
Special Feature	Non Flammable, Non Toxic
Specific Uses For Product	Model painting, Figure painting, Diorama creation
Surface Recommendation	Plastic
Indoor/Outdoor Usage	Indoor
Is Waterproof	False
Water Resistance Level	Not Water Resistant
Product Dimensions	9.5 x 3.5 x 1 inches
Item Weight	5.9 ounces

8. SAFETY INFORMATION

Vallejo Model Air paints are manufactured with non-toxic, non-flammable acrylic polymers and water-based pigments. This product is safe for home, educational, and professional use, adhering to rigorous environmental and health safety standards. Avoid ingestion and contact with eyes. In case of eye contact, rinse immediately with plenty of water. Keep out of reach of children.

9. WARRANTY AND SUPPORT

This product is sold without a specific warranty. For product support, technical assistance, or inquiries, please refer to the official Vallejo website or contact their customer service department. Note that the brand Vallejo is currently in the process of rebranding, and packaging may vary.