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› Vallejo Light Grey Model Color Paint Instruction Manual

Vallejo VJ70990

Vallejo Light Grey Model Color Paint - Instruction Manual

Model: VJ70990

Brand: Vallejo

INTRODUCTION

This instruction manual provides essential information for the proper use and care of Vallejo Light Grey Model Color Paint. Vallejo Model Color paints are highly pigmented acrylic colors formulated for models and miniatures, designed for excellent adhesion to various surfaces including plastics and polyesters.



Image: A 17ml bottle of Vallejo Model Color paint in Light Grey (70.990).

PRODUCT OVERVIEW AND FEATURES

Vallejo Model Color paints are renowned for their quality and versatility in the hobby and fine arts sectors. Key features include:

- **Permanent Pigments:** Formulated with permanent pigments suitable for fine arts, ensuring long-lasting color.
- **Lightfast and Opaque:** All colors are completely lightfast, resisting fading over time, and offer excellent opacity for strong coverage.
- **Smooth, Uniform Film:** The paint's consistency allows for an extremely smooth and uniform paint film, minimizing visible brushstrokes.
- **Excellent Adhesion:** The water-based formula is specifically developed for strong adherence on challenging surfaces such as metal and plastic, making it ideal for models and miniatures.

Model Color Chart								
70.951 White	70.919 Cold White	70.842 Gloss White	70.820 Off-White	70.918 Ivory	70.928 Light Flesh	70.837 Pale Sand	70.917 Beige	70.916 Sand Yellow
70.949 Light Yellow	70.952 Lemon Yellow	70.806 German Yellow	70.858 Ice Yellow	70.915 Deep Yellow	70.953 Flat Yellow	70.948 Golden Yellow	70.815 Basic Skin Tone	70.955 Flat Flesh
70.927 Dark Flesh	70.845 Sunny Skin Tone	70.860 Medium Flesh tone	70.911 Light Orange	70.805 German Orange	70.851 Bright Orange	70.956 Clear Orange	70.817 Scarlet	70.910 Orange Red
70.909 Vermilion	70.947 Dark Vermilion	70.908 Carmine Red	70.957 Flat Red	70.946 Dark Red	70.926 Red	70.814 Burnt Red	70.859 Black Red	70.804 Beige Red
70.835 Salmon Rose	70.803 Brown Rose	70.944 Old Rose	70.958 Pink	70.802 Sunset Red	70.945 Magenta	70.812 Violet Red	70.959 Purple	70.810 Royal Purple
70.811 Blue Violet	70.960 Violet	70.898 Dark Sea Blue	70.807 Oxford Blue	70.899 Dark Prussian Blue	70.965 Prussian Blue	70.925 Blue	70.930 Dark Blue	70.809 Royal Blue
70.839 Ultramarine	70.962 Flat Blue	70.963 Medium Blue	70.964 Field Blue	70.900 French Mirage Blue	70.903 Intermediate Blue	70.943 Grey Blue	70.902 Azure	70.901 Pastel Blue
70.906 Pale Blue	70.841 Andrea Blue	70.844 Deep Sky Blue	70.961 Sky Blue	70.840 Light Turquoise	70.966 Turquoise	70.808 Blue Green	70.838 Emerald	70.970 Deep Green
70.969 Park Green Flat	70.891 Intermediate Green	70.942 Light Green	70.974 Green Sky	70.827 Lime Green	70.954 Yellow Green	70.857 Golden Olive	70.833 Ger. Camo. Bright Green	70.850 Medium Olive

Image: Several bottles of Vallejo Model Color paints in various colors, alongside a detailed, painted miniature figure and a paintbrush, demonstrating the application of the paints.

Before applying Vallejo Model Color paint, ensure your workspace is clean and well-ventilated.

1. **Prepare the Surface:** Ensure the model or surface to be painted is clean, dry, and free of dust, grease, or mold release agents. Priming the surface is recommended for optimal adhesion and color vibrancy.
2. **Shake the Bottle:** Shake the paint bottle thoroughly for at least 30 seconds to ensure the pigments are evenly mixed. The paint should have a consistent color and texture.
3. **Dispense Paint:** Dispense a small amount of paint onto a palette. The dropper bottle design allows for precise control and minimizes waste.
4. **Thinning (Optional):** For brush painting, Model Color can be used directly from the bottle. For airbrushing, thinning with Vallejo Airbrush Thinner (71.261) is recommended to achieve the desired consistency. Start with a 1:1 ratio of paint to thinner and adjust as needed.



Image: A solid swatch of Light Grey paint, demonstrating its consistent color.

OPERATING INSTRUCTIONS

Vallejo Model Color paints are versatile and can be applied using various techniques.

Brush Application:

- Load your brush with a small amount of paint.
- Apply thin, even coats to the desired area. Multiple thin coats will provide better coverage and a smoother finish than one thick coat.
- Allow each coat to dry completely before applying the next. Drying time is typically quick, but can vary based on humidity and thickness.

Airbrush Application:

- Thin the paint as described in the "Setup" section.
- Pour the thinned paint into your airbrush cup.
- Apply paint in light, even passes. Avoid oversaturating the surface to prevent pooling or runs.
- Clean your airbrush thoroughly immediately after use to prevent clogging.

Refer to the Model Color Chart for the full range of available colors and their corresponding codes.

Model Color Chart

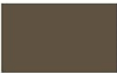
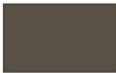
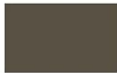
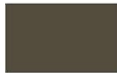
								
70.967 Olive Green	70.968 Flat Green	70.922 Uniform Green	70.920 German Uniform	70.823 Luftwaffe Camo. Green	70.892 Yellow Olive	70.895 Gunship Green	70.975 Military Green	70.890 Refractive Green
								
70.889 Olive Brown	70.888 Olive Grey	70.887 US Olive Drab	70.924 Russian Uniform WWII	70.893 US Dark Green	70.894 Camouflage Olive Green	70.979 German Camo. Dark Green	70.897 Bronze Green	70.896 G. Camo. Extra Dark Green
								
70.980 Black Green	70.886 Green Grey	70.830 German Fieldgrey WWII	70.821 German Camo. Beige WWII	70.884 Stone Grey	70.816 Luftwaffe Uniform WWII	70.971 Green Grey	70.972 Light Green Blue	70.973 Light Sea Grey
								
70.885 Pastel Green	70.986 Deck Tan	70.987 Medium Grey	70.881 Yellow Green	70.880 Khaki Grey	70.879 Green Brown	70.988 Khaki	70.978 Dark Yellow	70.923 Japan Uniform WWII
								
70.882 Middlestone	70.914 Green Ochre	70.976 Buff	70.913 Yellow Ochre	70.912 Tan Yellow	70.847 Dark Sand	70.819 Iraqi Sand	70.977 Desert Yellow	70.877 Gold Brown
								
70.856 Ochre Brown	70.824 Ger. Camo. Orange Ochre	70.929 Light Brown	70.829 Amaranth Red	70.981 Orange Brown	70.876 Brown Sand	70.843 Cork Brown	70.874 Tan Earth	70.875 Marrón Beige
								
70.818 Red Leather	70.982 Cavalry Brown	70.940 Saddle Brown	70.846 Mahogany Brown	70.984 Flat Brown	70.921 English Uniform	70.873 US Field Drab	70.983 Flat Earth	70.825 Germ. Camo. Pale Brown
								
70.826 German Cam. Med. Brown	70.985 Hull Red	70.871 Leather Brown	70.941 Burnt Umber	70.872 Chocolate Brown	70.822 German Cam. Black Brown	70.993 White Grey	70.883 Silvergrey	70.907 Pale Grey Blue
								
70.989 Sky Grey	70.990 Light Grey	70.905 Blue Grey Pale	70.904 Dark Blue Grey	70.870 Medium Sea Grey	70.991 Dark Sea Grey	70.992 Neutral Grey	70.836 London Grey	70.869 Basalt Grey

Image: First section of the Vallejo Model Color Chart, displaying various paint colors and their numerical codes.

Model Color Chart

							
70.868 Dark Sea Green	70.867 Dark Blue Grey	70.866 Grey Green	70.994 Dark Grey	70.995 German Grey	70.862 Black Grey	70.950 Black	70.861 Glossy Black

Metallic Colors

								
70.997 Silver	70.996 Gold	70.878 Old Gold	70.801 Brass	70.998 Bronze	70.999 Copper	70.865 Oily Steel	70.864 Natural Steel	70.863 Gunmetal Grey

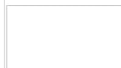
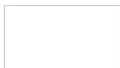
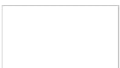
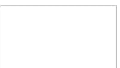
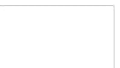
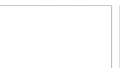
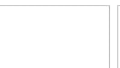
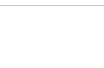


70.800
Gunmetal Blue

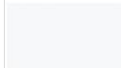
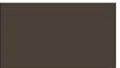
Transparent Colors

							
70.939 Smoke	70.828 Woodgrain	70.834 Natural Woodgrain	70.937 Transparent Yellow	70.935 Transparent Orange	70.934 Transparent Red	70.938 Transparent Blue	70.936 Transparent Green

Mediums and auxiliary products

								
70.540 Matt Medium	70.470 Gloss Medium	70.521 Metal Medium	70.520 Matt Varnish	70.510 Gloss Varnish	70.522 Satin Varnish	70.596 Glaze Medium	70.597 Retarder Medium	70.523 Liquid Mask
								
70.598 Crackle Medium	70.400 Plastic Putty	70.524 Thinner	71.261 Airbrush Thinner	71.262 Flow Improver	73.212 Decal Softener	73.213 Decal Fix	73.214 Chipping Medium	

Glazers

				
70.853 White Glaze	70.832 Verdigris Glaze	70.831 Tan Glaze	70.854 Brown Glaze	70.855 Black Glaze

Fluo Colors

				
70.730 Fluorescent Yellow	70.733 Fluorescent Orange	70.735 Fluorescent Magenta	70.736 Fluorescent Blue	70.737 Fluorescent Green

Metallic colors in alcohol base

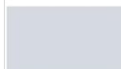
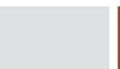
							
70.790 Silver	70.791 Gold	70.792 Old Gold	70.793 Rich Gold	70.794 Red Gold	70.795 Green Gold	70.796 White Gold	70.797 Copper

Image: Second section of the Vallejo Model Color Chart, displaying additional paint colors and their numerical codes.



Image: Third section of the Vallejo Model Color Chart, featuring metallic colors, transparent colors, and various mediums and auxiliary products.

MAINTENANCE AND STORAGE

Proper maintenance and storage will extend the life of your Vallejo paints and tools.

- **Cleaning Tools:** Clean brushes and airbrushes immediately after use with water or a suitable acrylic cleaner. Do not allow paint to dry on tools.
- **Bottle Caps:** Ensure bottle caps are tightly sealed after each use to prevent paint from drying out.
- **Storage:** Store paint bottles upright in a cool, dry place away from direct sunlight and extreme temperatures. Freezing temperatures can damage the paint.
- **Shake Periodically:** Even when not in use, it's good practice to shake bottles periodically to prevent pigment separation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Paint is too thick/clogging airbrush.	Insufficient thinning; paint has partially dried.	Add more Vallejo Airbrush Thinner. Clean airbrush thoroughly.
Poor coverage or streaky finish.	Paint too thin; insufficient coats; surface not primed.	Apply more thin coats. Ensure proper priming. Adjust thinning ratio.

Problem	Possible Cause	Solution
Paint dries too quickly on brush/palette.	Low humidity; excessive airflow.	Use a wet palette. Add a drop of Vallejo Flow Improver (71.212) or Retarder Medium (70.597) to the paint.
Paint peeling or poor adhesion.	Surface not clean; surface not primed; incompatible material.	Clean and prime the surface properly. Ensure the surface is suitable for acrylic paints.

SPECIFICATIONS

Attribute	Detail
Brand	Vallejo
Color	Light Grey
Finish Type	Matte
Size	0.57 Fl Oz (Pack of 1)
Item Volume	17 Milliliters
Special Feature	Non Flammable
Paint Type	Watercolor, Acrylic
Specific Uses For Product	Art Painting
Surface Recommendation	Metal, Plastic
Indoor/Outdoor Usage	Indoor
Item Form	Liquid
Age Range (Description)	Adult
Package Information	Bottle
Coverage	Full
Manufacturer	MMD Holdings, LLC
Part Number	990
Item Weight	0.8 ounces
Product Dimensions	0.75 x 0.75 x 3 inches
Item Model Number	VJ70990
Date First Available	December 5, 2010

WARRANTY INFORMATION

Based on available product information, there is no specific manufacturer's warranty provided for this product. Please refer to the retailer's return policy for details on returns or exchanges.

SUPPORT

For further assistance or inquiries regarding Vallejo products, please visit the official Vallejo website or their brand store.

[Visit the Vallejo Brand Store on Amazon](#)