



PVA Conservation Paints



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GOLDEN PVA Conservation Paints are made from PolyVinyl Acetate (PVA) resins, specifically a 1:1 blend of AYAA and AYAC type Polyvinyl Acetate resins dissolved in ethanol. They are exceptionally useful in art conservation, as they remain soluble in ethanol and other alcohols.

Product Description

GOLDEN PVA Colors are produced with AYAA and AYAC resin systems. They dry quickly to form very durable films, with excellent resistance to acids/alkalis, water and ultraviolet rays.

All of the pigments in GOLDEN PVA Colors are chosen for the greatest clarity & permanency within each chemical class. Additional Colors can be made as Custom Products. Please contact Golden for further details.

PVA Colors remain soluble in ethanol, making them ideal for easy removal without disturbing the layers of original paint underneath. For this reason, they are beneficial in art conservation for inpainting techniques.

Technical Specifications of Pure Resin System:

- 100% polyvinyl acetate, thermoplastic solution polymer.
- Average molecular weight: AYAA is 83,000 amu, AYAC is 12,800 amu.
- Soluble in ethanol (95%), methanol, acetone and various ketones, acetates and lower alcohols.
- Insoluble in several glycols, hydrocarbons, higher alcohols and water.
- Refractive index (of neat resins) is 1.4665 (at 20oC).
- Softening point: AYAC at 71oC, AYAA at 97oC.

GOLDEN PVA Color List	
<ul style="list-style-type: none">• Bone Black• Burnt Sienna• Burnt Umber• Carbon Black• CP Cadmium Red Light• CP Cadmium Red Medium• CP Cadmium Red Dark	<ul style="list-style-type: none">• Mars Black• Nickel Azo Yellow• Prussian Blue• Quinacridone Crimson• Quinacridone Gold• Raw Sienna• Raw Umber



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| <ul style="list-style-type: none">• CP Cadmium Yellow Light• CP Cadmium Yellow Medium• CP Cadmium Yellow Dark• Cerulean Blue• Cobalt Blue• Cobalt Green• Cobalt Violet | <ul style="list-style-type: none">• Red Oxide• Terre Verte• Titanium White• Ultramarine Blue• Van Dyke Brown• Violet Oxide• Yellow Ochre |
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Product Application

The most common application of the PVA Colors is an indirect application. Due to the incredible rapid drying nature of the paints, blending on a palette is near impossible. The recommended procedure is to apply a small amount to a glass palette and allow them to thoroughly dry. Paint is removed in small amounts by use of a brush wetted with ethanol.

Testing is critical with these paints. Their fast drying nature demands definitive techniques. As stated above, color mixing of wet paint is difficult and a thin glaze/wash layering technique may be the easiest way to alter colors. The rapid drying allows for quick buildup of multiple thin layers.

Clean-up

PVA Paints are resolvable in various alcohols. Dried films may be removed. Clean tools with ethanol or like alcohol. Avoid freezing. Minimum film formation temperature is 48°F/9°C.

Health & Safety

WARNING: Flammable. May be harmful by inhalation, ingestion or skin contact.

Some colors contain chemicals known to the state of California to cause cancer, and reproductive toxicity.

PRECAUTIONS: Avoid inhalation of vapors by using good ventilation. When using do not eat, drink or smoke. Avoid skin and eye contact. Do not use near heat or further information on safe handling and use.

Disclaimer

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