

Aero-Crylic

Hobby Paints

by: *Condor Models intl;*

www.condormodels.com

aerocrylic@condormodels.com

(630)321-0580

Ver. cm-012 –Nov 8, 2004

Instructions & Hints for use.

Aero-Crylic paints are a, Urethane modified Poly Acrylic. This paint is water soluble for simple cleanup, low odor and non-flammable. This paint can be used in virtually any humidity, and in temperatures ranging from 40-90*f, with out the fear of blushing or hazing. Only the curing times will be affected by adverse atmospheric conditions. All of our paint is semi-gloss to retain the full film strength of the bonding resin and to make the use of decals or stickers simpler by reducing bubbles and “silvering”. Aero-Crylic is compatible with Latex and Lacquer paints, for over-coating, and may also be over-coated with Polly-Urethane clear, for water use on boats and floats. However Polly-Urethane varnish has a tendency to yellow with age. Aero-Crylic Paint is much lighter than most other paint, and has better coverage than most also.

We supply a range of Clear non-yellowing, coatings to provide the modeler with the desired sheen for most projects. Aero-Clear should be used for the final coating, after all decals or stickers have been applied. About 3 to 4 coats. We also have a range of primers that have superior bonding characteristics and may be used under ANY paint.

Don'ts

Do not apply Polly-Crylic over raw or unsealed wood. All wood must be sealed with a few coats of Dope or other Lacquer sealer. Aero-Crylic will cause swelling and warping of raw wood.

Do not apply Polly-Crylic over any type of oil based paint or sealer. This includes Epoxies. Aero-Crylic will not adhere to these finishes or primers. Lacquer under-finishes are fine.

Do not reduce Aero-Crylic with water. This will affect the film strength and bonding properties of the paint, and may also cause cracking due to excessive shrinkage. Use Aero-Solve for reducing only.

Do not spray Aero-Crylic too thick. Use only enough paint to give full opaque coverage. This can usually be achieved with 24 thin coats, reduced 20-25% out of the bottle depending on the spray equipment used.

Hints

Aero-Crylic should always be strained after reducing. This will prevent gun clogging, and imperfections in the paint job. I like an old stocking for this task, the denser the better.

Masking tape should be removed either, immediately after spraying or once the paint has completely cured (about 72 hours). (I personally prefer the latter) Masking tape must be of the “low tack” sticle.

Reducing for spraying; The paint out of the bottle should be reduced about 15-30% depended on the spray equipment used. Coats should be applied one after the other, very thinly, until an opaque film is achieved. Do not try to spray Aero-Crylic too thick, out of a HVLP gun. This will cause “Orange-peel”. It is better to reduce paint a little more and spray an extra coat. Give only enough drying time between coats, to prevent runs.

Spray equipment should be cleaned immediately after painting is finished. Soapy warm water should do the trick fine. Dried on paint must be removed with a strong detergent mixed with ammonia. Or, with Aero-Clean, Gun & Brush cleaner. Aero-Clean can be reused just by filtering it threw a Coffee filter. Aero Clean can be sprayed threw the gun or gun parts may be soaked in it. Aero-Clean is non-flammable.

Aero-Crylic is fuel-proof to 15% nitro after about 96 hours. If raw fuel is spilled on paint, allow to evaporate, than wipe off. May be cleaned with mild degreasers, or Aero-Wash airplane cleaner.