

# Take the Mercury Science Challenge

*Why was our Mercury M100XF High Performance CA voted best new product of the year?*

M100XF High performance is the result of nearly 2 years of lab work by Mercury Chemist resulting in a formulation that is among the fastest, strongest and highest quality CA ever available.

M100XF is 100cps in viscosity, Thicker than thin but thinner than Medium, the new high performance formula contains proprietary and patented additives not found in other CA's.

Typically CA does not work well on plywood due to the high alkaline content. One of the best uses for M100XF however IS on poplar plywood, or as builders know it "Lite-ply". Normally, alkaline is a neutralizer to cyanoacrylate, which will prevent the product from reacting with the moisture in the wood and making a strong bond. Mercury M100XF however loves the high alkaline and will soak into to a joint and surrounding wood for a very strong bond thus some are calling it the first ARF CA.

### *Only CA manufactured in the USA!*

M100XF is a premium product and is a great choice for ARF type models because of the extensive use of poplar plywood or as builders know it "Lite-ply" as well as composites including Carbon Fiber. Most overseas manufacturers use a PVA (polyvinylacetate) type of glue on their ARF's. This glue is an air-drying adhesive that cures by solvent evaporation. Simply put, when the water, that carries the adhesive to the joint, evaporates the adhesive that has spread against the grain and crevices dries and forms a mechanical bond. These types of products are heavy, slow and do not possess the strength of CA. With the excellent capabilities of M100XF you can go over the joints on your new ARF and be assured the glue joints are solid before the first flight.

### *Two year unconditional guarantee!*

Another strong attribute is it's low vapor properties, while it is not an actual low odor product like Mercury M100F or M1000F, users have noticed that M100XF does not produce the same amount of vapors as the standard Ethyl grade CA.

*Mercury Adhesive's exclusive "Pin in Cap" bottle top screws on and off instead of the usual push-pull. This assures a smooth never clog operation and a tight seal preserving freshness.*

*Ask for Mercury products at your local hobby shop.*

**www.MercuryAdhesives.com**

*Scientifically Engineered Adhesive Systems*

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*Learn more about the Mercury Science Challenge by visiting our website.  
Dealer inquiries invited.*

