

ADHESIVE USE TIPS, TRICKS AND CAUTIONS

ITEMS NEEDED:

Thin CA (cyanoacrylate)

[See article](#)

Thick CA

[See article](#)

Accelerator (also called “Kicker”)

Spritz on adhesive to cause quicker cure, preventing you from having to hold parts for a long time to wait for a cure. **CAUTION: Use very sparingly, if over applied it will cause glue to “fry” and turn foamy and weak.**

Debonder

Used to remove glue, paper towel or parts from skin.

2-part Epoxy

5-10 minute cure time is good. See Article

Paper Towels

Used for wiping excess glue

THIN CA

Parts must be properly aligned. Apply sparingly a little goes a long way.

Wicks into the wood, cures in seconds. **CAUTION: It can wick all the way through thin balsa and stick to your skin.**

If you apply too much CA, it can puddle, if that puddle dries on a surface that will later be monokoted it will be hard to sand and will show.

Hint: Before it dries take a multi-layered paper towel and wipe the puddle smooth. **CAUTION: 2 or more layers of toweling should prevent the glue from wicking thru and making the paper towel and your fingers – one.**

THICK CA

Great for attaching multiple thicknesses of wood together, especially light plywoods, such as when doubling parts for added strength.

Thick CA allows a little extra cure time to allow alignment of parts, if you don't apply any pressure to parts. Once pressure is applied it will cure in 15 seconds or so.

Additional uses:

If you have a joint that isn't a perfect fit you can fill the gap, as long as it is tiny, with thick, spray with “kicker” to solidify joint.

When creating perpendicular or angular joints, apply a small bead of Thick CA at the joint, “kick” it over to form a small gusset of adhesive, especially useful in high stress areas.

EPOXY

Stronger in areas of ultra high stress, such as on firewalls and landing gear attachment blocks.

CAUTION: In model aircraft, joint failures are most often seen in these areas first, especially landing gear blocks. “BUILD THEM STRONG”

CARBON FIBER PRODUCTS

Carbon Fiber Rods, Tubes and Strips, EPOXY works best. **CAUTION: For best results, lightly sand surface areas that will receive glue for enhanced adhesion.** No types of glues adhere well to the carbon fibers slick natural surfaces.

From the crew at SBRC club