

TOOL PREVIEW

GluBoost Adhesive Products

By Michael Dresdner

This flexible CA glue adds new finishing options with a long open time plus instant solidification when sprayed with an accelerator.



People often use cyanoacrylate adhesive for bonding parts, filling voids, repairing finish and even as a finish on raw wood — typically on pens and other small objects because it cures so fast. Most folks insist various brands of cyanoacrylates, often called “super glue,” are more alike than not, and there’s some truth to that.

However, GluBoost® products are different indeed and open up a whole new world of options for us woodworkers.

Most notable in their line is Fill n' Finish™, a flexible, clear cyanoacrylate that stays liquid until you spray it with GluBoost accelerator, after which it solidifies instantly and cures clear. It seems hard to believe, but it's true.

That means you can apply it to wood as a finish or pore filler, take your sweet time about getting it smooth and uniform, then spray it, and it cures almost instantly, ready to sand or recoat in just seconds. Among other uses, it is perfect for finishing

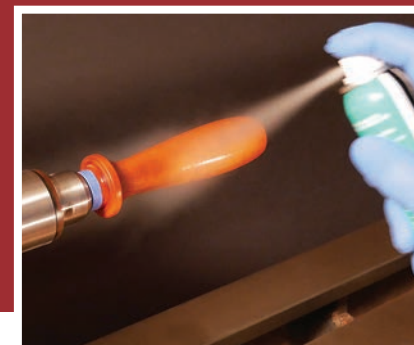
turnings, right on the lathe. It cures clear, with no bubbles, pitting, hazing, crazing, blooming, yellowing or white spots.

Because it stays liquid indefinitely, you can even color it by mixing their MasterTint™ line of colorants right into the cyanoacrylate, and it still won't cure until it is sprayed with accelerator. Add a small amount of powder for a translucent color, more for solid colors. It's a boon for filling dings in every type of clear, tinted, or solid color

FINISHING



You can apply GluBoost's Fill n' Finish to small turnings as a finish while they are still on the lathe.



Fill n' Finish stays liquid after application until you spray it with GluBoost accelerator, allowing time to smooth out a finish.



The finish solidifies instantly after applying the accelerator: you can easily handle your turning or other project with no stickiness or mess.

finishes, including notoriously hard-to-repair epoxies and polyesters.

Once Fill n' Finish does cure, it is flexible. We don't often think of them that way, but all wood finishes must be somewhat flexible to tolerate wood movement without cracking. That flexibility is essential as a finish and also to create repairs in cracked or dinged finishes that don't pop out or crack over time. As an adhesive, a flexible glue line is more shock-resistant than a rigid one.

The GluDry™ accelerator itself is also very slow drying, which is quite handy if you plan to use either Fill n' Finish or their more typical adhesive, MasterGlu, as traditional adhesive. Spray one side of a bond with accelerator and the other. Once they come in contact, cure comes in seconds.

Both the slow-drying, long open time Fill n' Finish and the more typical self-curing MasterGlu come in both regular and super thin versions, the latter ideal for penetrat-

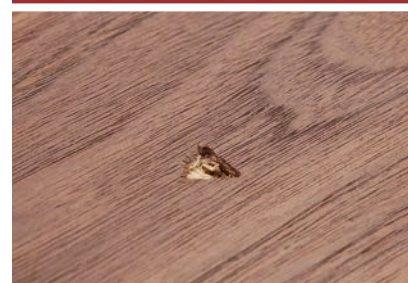
ing dense woods. Both are great for solidifying spalted or punky wood.

If you're wondering why you've not heard of GluBoost before, in part it is because the products were first introduced to luthiers (guitarmakers) and mostly sold through luthiery supply companies. You can find out more through their website at www.gluboost.com, where the 2 oz. bottles of Fill n' Finish sell for \$15 and the 4 oz. GluDry is priced at \$12.

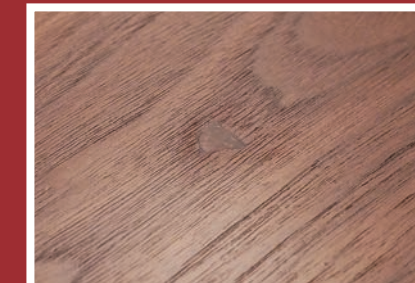


GluBoost Fill n' Finish CA glue is a very durable finishing option for small woodturnings, like this pizza cutter, available through rockler.com.

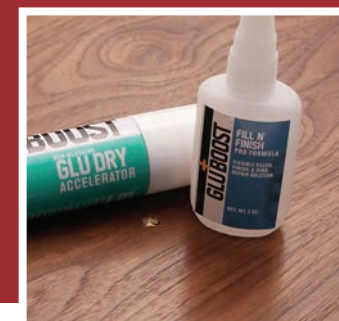
FILLING



Repairing dings and dents is another use for GluBoost Fill n' Finish. GluBoost offers a line of MasterTint stains for color matching. The patent-pending line of colorants is formulated specifically for use with GluBoost products, and it will not weaken the polymeric bond of the adhesive.



Applying Fill n' Finish Thin into a chipped-out area seals up the fibers of the ding preparing for the next step.



Next, fill the majority of the void with the slightly thicker Fill n' Finish Pro Formula to take up space.



A little color goes a long way when mixing the MasterTint color stains with the Fill n' Finish.

MORE ON THE WEB

For a video on finishing with GluBoost Fill n' Finish, please visit us online at woodworkersjournal.com and click on "More on the Web" under the Magazine tab.