

THE WILDSIDE • MOTORSPORTS • MUSIC & ENTERTAINMENT

S & S OUTDOOR ADVENTURES

LATE FALL
2008



Autumn Antlers



FALL Big-Daddy GOBBLER TACTICS

FISHING • HUNTING • CAMPING • RODEO & PBR

TIPS

From The Pro's

This month's Pro is:

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Q It seems like there are a thousand types of glues available. How is a polyurethane glue different from other glues?

A A polyurethane glue is first and foremost, incredibly versatile. As a polymer, its chemical structure lends itself to working incredibly well on both porous and nonporous materials. That means that you can bond two pieces of steel (non-porous) together with great success. Or, you could easily bond two chunks of concrete (porous) together, again with incredible results. But polyurethanes are also amazing for bonding a porous substrate to a non porous substrate. In fact, recently one of my friends needed to fix a wrought iron gate in his back yard which had been bolted to concrete, but the bolt had broken. We glued that baby right back together, and let me tell you, it's not budging! Polyurethanes are a great addition to any garage or tool box. They will bond countless materials, including Fiberglass, Wood, Stone, PVC, Metal, Ceramic, Plastic, Formica, ABS, Brick, Foams, Styrofoam, Cardboard, FRP Board, Glass, Tile, Concrete, Granite, Travertine and more. So for projects ranging from repairing patio furniture to fixing your actual patio (brick, concrete, tile, wood) polyurethane glues are a useful product to keep on hand. Plus, since polyurethanes are sandable and paintable, they work well for indoor DIY projects (loose door frame, anyone?) too.

Polyurethanes are also unique because of the substantial amounts of force weight that they can support. In contrast to super glues, which do not have the structural composition to bond large pieces of wood, PVC, or other heavy materials, polyurethanes (when properly used, meaning clamped!) can bond items heavier than you ever thought possible. Polyurethanes are also a one step adhesive -unlike an epoxy- so there is no need to mix two particles. Plus, polyurethanes are low in odor so if you're using them inside, you won't smell glue every time you walk in the house.

Q I've used polyurethanes before and they always seem to foam up and turn brown. Is there a way to prevent this?

A Well, the short answer is that you need to find a polyurethane that foams less. As far as the color goes, polyurethanes are generally slightly amber hued, but if you're using one that foams less, you won't even be able to see the bond. You'll also have less foaming if you keep in mind that a little bit of polyurethane glue goes a long way.

Q Every time I buy a glue (for home repairs) I get one use out of it, then the next time I try to use it, the glue has hardened and I have to throw it away and go buy more. What gives?



Without knowing exactly what type of adhesive (wood glue, polyurethane, super glue) you're referring to, I can say that proper storage is vitally important or else this will continue to happen. Much as a car manufacturer cannot guarantee that a car will operate at optimal results if the car isn't properly cared for, we can't promise optimal results from the glue we manufacture unless it is properly cared for (read: sealed) and properly stored. A polyurethane like Sticky Ass Glue should be stored in a relatively cool, dry environment (50F-80F). Storing the glue in a dry environment is particularly important as polyurethane glue is known as a moisture cure adhesive. Moisture in the air (say from fog, or humidity) can lead to curing (or solidifying) of the product, which would account for you being unable to squeeze any through the tube after the first use. If you live in an area where fog and/or humidity are facts of life, store the adhesive inside as opposed to in a shed or the garage. If you live in a dry environment, but temperatures rise above 80F or drop below 50F regularly, (the desert comes to mind immediately) it's also in your best interest to keep the glue inside. Once you've used the product, you can increase the life of it by ensuring that you seal the product tightly after each use. Here's another hint: make sure when you're finished working with the glue that you squeeze the bottle enough to expel any air that may have gotten in the bottle. Again because air has moisture in it, the presence of it in the bottle may cause the glue to begin curing. But a firm squeeze, while tightening the cap, before finally sealing it closed, should reduce the chances of the glue beginning to cure before the next use. But finally, there is good news. Even if you forget to follow the tips for storing and sealing the product, more often than not, it will still work. You'll likely just need to unscrew the top of the bottle, and remove the cured part of the product (which will appear to be a film on top of the adhesive). Once you've removed this film, the remainder of the adhesive should still work just fine.



Do I always need to use water with a polyurethane glue?



For most small projects, nope. While a minimal amount of water may be used to speed up the curing process, dampening one of the materials is really only necessary when bonding large non-porous substrates to large non-porous substrates (metal, plastics). Small repairs or crafting projects do not require that you apply water, and can ultimately increase the foaming properties of the glue. Bottom line: when in doubt, go easy on the water.



One of the cleats ripped off of my boat, and I'd rather not drill another hole in the side of it. Is polyurethane glue waterproof?



Yes, polyurethanes are waterproof. Still, it's not a great idea to have any adhesive bond submerged in water. But for the cleat, which I'm assuming will only really get wet from the rope, or spray from the water, polyurethane glue will definitely work, and save you from drilling into your boat again.



I can't imagine I'll need to use an entire bottle of glue for the project I'm working on (repairing a few loose wooden railings on my deck). Can my family use a Polyurethane glue for indoor projects?



Absolutely. The beauty of polyurethane glues lies in their amazing versatility. So while you may only use a portion of a 4 oz bottle to fix your deck railing, I'll bet that you'll be surprised to learn just how many other uses for Sticky Ass Glue abound. Cracked tile in your bathroom? A dab will fix it with ease. Have a favorite coffee mug that's broken? Consider it fixed for life. Do your kids seem to break their toys at an alarming rate? Save yourself a temper tantrum by fixing them on the spot. Any crafters in your home? Polyurethane glue is a great adhesive for crafts. In fact, Sticky Ass Glue recently received the Creative Home Arts Club Member Tested and Recommended Seal of Approval, where 435 independent participants tested the glue on a variety of projects. Testers overwhelmingly applauded its ease of use, its strength and its versatility for countless indoor projects. My guess is that once you have a bottle, you'll find more uses for it than you ever realized.