



December 2018

Membership

We started collecting 2019 Dues (which are \$30) at the December meeting and have had 17 pay so far. We will be collecting again at the January meeting.

The next meeting is on January 9.
See you there!

PVWA is Growing

The PVWA is now 6 months old. We really didn't know what to expect, but felt if we had 12-15 members we would have a viable club.

We now have 26 members hailing from Pocatello/Chubbuck, Blackfoot, Idaho Falls, Rigby, Rexburg, Newdale, Montpelier, and Burley/Heyburn (and probably somewhere I missed).

Club Challenge

The club challenge for last month was to make an ornament. See the pictures later in the newsletter. The challenge for the January meeting is to make a wall hanging. We will have our usual drawing for a \$10 Craft Supplies gift certificate.

The winner of the \$150 Craft Supplies gift certificate for 2018 was Cary Myler. Congratulations, Cary! We will do the drawing again in 2019, so bring your challenge pieces each month for the monthly drawing and a chance at the annual drawing at the end of the year.

Finances

With \$510 in 2019 memberships, \$40 in donations, \$100 for lessons and \$52 from the raffle, our December income was \$702.

We spent \$152.99 on the gift certificate from Craft Supplies which brings the club balance to \$1661.55

Southwest Airlines Donation

PVWA member Jared Smith is a pilot for Southwest Airlines. He also donates many hours to the PVWA creating the demo videos, setting up for meetings, etc. Through a Southwest program which encourages employees to donate time to charities, as he reaches a certain level of donated hours Southwest will donate a domestic round-trip ticket to his charity of choice. The charity must be 501(c)(3) qualified (which we are) and Jared has chosen the PVWA to receive any awards he earns through the program. As a result, we have received a round-trip ticket voucher which we can use to further the club mission.

At the December meeting we discussed how to use this ticket. The preferred use would be for someone to further their education in woodturning through attending a symposium, taking a class, etc. If anyone is interested in using the ticket for this purpose, please contact Bob Smith. The alternative we discussed was to use it for fundraising by auctioning it off. If you have any other suggestions, please let Bob know. We would like to determine its use by the February meeting. The ticket is valid through December 2019.

Many thanks to Jared for the time he donates to the club and for designating us as his charity of choice.

November Demo on Blend Dyeing

By Nathan Hemperly



Nathan presented a great demo on blend dyeing a final turned piece.

Watch the video at

<https://youtu.be/riH2n9ZRBWw>

WOOD FINISH – CYANOACRYLATE

(Part Four)

By Dick Anderson

Cyanoacrylate (CA) glue has more uses for the woodturner than simply attaching two pieces of wood together. It will bond damp or wet wood to a glue block far better than either Titebond (yellow glue) or white glue. Also, it bonds end-grain wood to a glue block better than either the yellow or white glues. I do use a good even coating of Titebond glue to attach dry side-grain project wood to a glue block, and securely clamp them together to cure overnight. For larger pieces of end grain project wood attached to a glue block make a jam chuck with a ¼-inch deep tenon to fit a corresponding spigot then glue the pieces together.

I use only quality CA brands obtained from a woodworking store (Craft Supplies, Woodcraft, Penn State, Rockler, etc.). Cyanoacrylate comes in three viscosities (thin, medium and thick), which cure at different rates unless you use an accelerator to speed the curing. If using an accelerator too soon after applying CA it will cause the CA to form a white foam on the surface.

Safety Considerations:

1. CA will produce fumes that can be harmful, thus it should be used in a well-ventilated place. Also, you should not apply CA with cotton cloth or cotton swabs, which causes a chemical reaction producing heat and toxic fumes.
2. CA has a shelf or storage life. I find that opened CA in the shop is good for about 6 to 9-months. Storing unopened CA in the refrigerator will last about 12-months or a little longer.
3. Invariably we woodturners will get some CA on our fingers and hands (hopefully that's the only places). Acetone will remove CA. Also, there are debonding solutions available to help remove that mis-placed CA.
4. I usually don't cap the CA bottle to allow the CA to drain back out of the spout. Never-the-less, since they will become plugged. I use acetone to unplug the CA bottle spout. The spouts that become plugged are put in a small jar with acetone. After a few hours they are clean and ready to use.

Uses: Cyanoacrylate can also be use to fill cracks and voids in wood, to firm up bark on natural edge bowls, and as a finish over wood or antler. CA will stain wood, therefore when I use a medium or thick to fill a void or thin to fill a crack, I will first apply lacquer or wax by paper towel to the area around the crack. That seals the wood preventing staining. CA also works great to stabilize and harden bark on a natural edge bowl. However, care must be taken to avoid staining the adjacent cambium and sap wood. Cyanoacrylate also provided a durable finish for small woodturnings such as pens, bottle stoppers and craft projects. I have used the medium CA on pens by applying a few drops along the pen body, with a plastic covering over my finger, while the lathe is running at a slow speed. This smooths the CA along the pen body. A quick shot of accelerator cures the CA. A light sanding with 320 grit paper, then, a second and third coat can be applied in the same manner. At this point, since the CA finish builds up, the ends of the pen body need to be checked with a micrometer to assure a good match with the pen tip and end cap. Finally, the body is sanded with wet micro-surface sanding pads to 12,000 grit then polished with a wax of choice. Some pen makers use the thin, some the medium and some the thick CA. I suppose it's a matter of choice and their finishing process.



























