



Between Turns

Michigan Association of Woodturners



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A chapter of the American Association of Woodturners

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Meeting Announcements

MAW Picnic

A good time was had by all at the 3rd annual club picnic/meeting held at Kensington Metro Park on Sunday August 6th.

Tom brought in some fabulous sweet corn that Pete cooked up in his turkey cooker. What a treat!!

Great food was shared by all with grill sergeant Bill Magee doing the honors with the hot dogs and burgers.

The peoples choice awards were held once again and 3 winners were chosen. There was a tie for 1st place and 2 awards were given for that category plus a 3rd place award. See pictures of results.

A great time was had by all and mother nature also cooperated with some wonderful weather.

Call Tom at 810-629-6176 or sign up at the next club meeting.

We Have Mail

Hi All,

Andi Wolfe will be doing a two day demonstration of her embellishment, carving and coloring for the Northwestern Michigan Woodturners in Traverse city on September 9-10, 2006. All are welcome, \$80.00 includes both days with lunches provided. Andi will follow with two days of hands-on workshops.

If you are interested contact Lyle for more info.

Regards,
Lyle

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Calendar

The Calendar listings are an attempt to keep you up to date on upcoming MAW events, as well as other events of particular interest to woodturners.

- MAW meeting: September 10th
- Herman Spaeth Bird House Demo at September meeting.
- Nick Cook Demo on December 9th & 10th
- Andy Wolfe demo September 9 & 10th. See article on page 1.

Nick Cook Demo

Don't forget to mark your calendars and get signed up for the upcoming 2 day demo with Nick Cook on December 9 & 10. \$80.00 fee includes 2 days with Nick Cook plus breakfast and lunch each day. Nick will be the first major turner to demo on the clubs newly acquired Powermatic lathe.

Club Decal

Tom passed out the new decals to club members who were in attendance at the picnic on Sunday. Very attractive logo that will look great on your vehicle or favorite place. These are vinyl and stick to virtually anything. If you did not receive one, pick yours up at the September meeting from Tom.

3rd Annual People's Choice Winners

Dues:

\$95.00/year, includes A.A.W. Membership. Remit at the December meeting or by mail to:

Tim Morris, Treasurer
1673 Woodlake Circle
Brighton, MI 48116

Meetings:

will now be held from 1 – 3 p.m. on the first Sunday of the month at the workshop of:

Dave Gordon
10621 Milford Rd.
Holly, Michigan 48442



First place tie shared between Dave Pierce and Bob Roehrig. 3rd place winner Herman Spaeth.

Next Meeting:

Sept. 10, 2006



Grill Sergeant Bill Magee firing up the dogs.

MAW Picnic Pictures



Pete getting the corn fixing's ready to go.

Photo's

- Photographs for this month's "Between Turns" were provided by Bob Roehrig. If you have digital photo's that you would like to have considered for use in the newsletter, please send them to the editor at: rroehrig@charter.net



Teamwork to shuck the corn.



Some funny stories



Keeping an eye on the food



Is this thing up to temperature yet?



Project table



Project table

CYANOACRYLATE (CA) GLUE

Ideas, Tips and Methods

By: [Bruce Hoover](#) (Tidewater Turners)

This article is intended to provide useful information about the handling and use of CA glue. This is by no means a definitive source on the subject but rather a handful of notes about some useful things I have learned and researched and would like to share for the benefit of all.

Now that you have ordered a dozen bottles because you couldn't resist a good sale price, you wonder if the glue will ruin before you can use it all. Don't panic, just put the extra bottles in the freezer until they are needed. They will keep for a very long time in there. (Cryogenics for Cyanoacrylates ?) **** Note: Only freeze unopened bottles.**

OK, chances are that like most of us you always make sure to put the top back on as soon as you're finished using the glue, right? Ever notice how your nozzles clog up and sometimes the glue hardens in the bottle before you ever get to use it all? It turns out that a lack of oxygen is one of the primary conditions that causes CA glue to cure. So from now on, when you open a new bottle of CA throw away the top! It may sound crazy, but this will extend the life of your glue in the bottle. If you're concerned about spilling it, make a bench top holder by drilling "bottle-sized" holes in a 2" thick block of wood. Make sure you keep it away from any source that creates much dust.

Remember to tap the base of the bottle on your bench top after each use to clear the tip.

Soapbox on... This is probably a good time to point out how we all take our health for granted until something goes wrong. CA glue is dangerous stuff. You should avoid skin contact and always protect your eyes. The fumes generated when CA glue cures are potentially harmful, they make the eyes water, and are at the very least terribly annoying. Spend a few bucks and get a respirator with replaceable filters like the ones used in body and paint shops and use the damn thing! They are good for one year and are reasonably comfortable. They are very effective when gluing with CA and also when using lacquer and polyurethane finishes. Perhaps the most important tip to remember is to be sure that you never glue yourself to anything larger than you can pick up and carry to where you keep your CA solvent!**Soapbox off.**

CA glue can be effectively used as a sealer and stabilizer on damaged or punky wood. We all use different things to spread glue. I have used a piece of paper or a manila envelope because of the smooth texture. However, the glue usually runs over everything, including my fingers. The other problem with this is that the cellulose in wood and paper products is one of those things that seems to hasten the curing of CA glue. It starts to get tacky and ruins the application. Purchase some polyester batting (in sheet form) that is used for stuffing quilts and pillows. To make an applicator, cut a small piece of batting (about 2" square) and fold it, gathering the loose ends and wrapping them with a piece of masking tape. It now looks like a little mushroom with a masking tape stem (sit in front of the TV some night and make a bunch). Apply two or three drops of CA on the applicator and you will be absolutely amazed at how far and evenly it can be spread. The applicator will not stick or cause the glue to set and can be used for several minutes before it stiffens up. ****Note: If you pick up any wood dust it will harden very quickly.**

When using CA glue to repair cracks or voids we would be well advised to test a spot on a waste scrap. If the wood is hard (like cherry or maple) then any dark marks from runaway glue will only be on the surface and can easily be cut or sanded away. The only thing that shows is the glue line, if that. However, on soft woods, the glue will soak right in and create a large blotch or spot and no amount of sanding will remove it! In all likelihood, this will compromise the appearance of the piece unless it has "blotches" of its own already. Try to work the piece to completion without gluing. When it is finished, use a close matching wood filler or sawdust and white glue mix to fill the problem spots. Another method is to finish sanding the piece and apply the first coat of lacquer or polyurethane to seal it. Then repair the defect, sand, and finish. A word of caution here....if you are going to use accelerator on the CA, wait 30 to 60 seconds before you apply it or it will foam up white.

Many of us use the method of gluing a waste block to our blank to mount it. This is especially handy when roughing out bowls from green wood because it won't warp as the bowl does when it dries. It also allows us to use more of the blank as part of the piece. I have had failures in the past but just one since using the following method: After preparing a flat surface and alignment holes in both the blank and the waste block, apply a film of thin CA to the blank and the waste block. This will soak in and insure a solid glue joint. Next, apply a liberal

amount of thick CA to the blank. Align and press the waste block firmly in place using your alignment pin. Then spray just a slight mist of accelerator at two spots on the excess squeeze out. This will secure the block from moving until the rest of the glue sets well (about an hour). If you're in a real hurry to turn, don't put any glue on the waste block but a very light mist of accelerator instead. Using the alignment pin, be fast and sure when you put the block in place because you only get one shot at it. Mount the piece using the tail stock for as long as possible for added safety. Instant glues typically reach about 50% of their strength in one minute and achieve full strength after 12 hours. You may notice that CA seems to work especially well on green wet wood. This is likely explained by the fact that moisture (even relative humidity) on gluing surfaces is another one of the primary conditions that triggers the curing of the glue into a thermoplastic solid.

Acetone can be used as a solvent but it is not as fast acting. You can soak clogged tips in it to clean them up.

Also, water in a mist bottle will serve as a cheap activator but will cause white foaming.

I hope that you can make use of these tips to make your turning safer, easier and