

THE CHARLOTTE SAWDUST

The Official Journal of
The Charlotte Woodworker's Association

www.charlottewoodworkers.org

Meeting Time

Meetings of the Charlotte Woodworker's Association are held the third Monday of each month, except for December. Meetings are typically held at THE WOODWORKING SHOP of Charlotte, 116M Freeland Lane, Charlotte, NC. Exceptions will be announced well in advance. If you need directions to the shop, visit their web site at <http://www.woodworkingshop.com> and click on the link to "Store Locations".

Following a social and refreshment time that starts at 5:30pm, our meetings start at 6:00pm. Get to the meeting early and get to know your fellow woodworking enthusiasts. Please refrain from placing food, drinks and trash on worktables and shelves around The Woodworking Shop, they have allowed us to use their facilities and being a good guest is, well just the right thing to do.

Christmas time is coming!!!

14th Annual One Special Christmas items should be sent to Dwight Hartsell, by the Nov. Meeting. Earlier is better, of course. Any item that you make to donate would be appreciated. If you have questions, please contact Dwight @ 704.598.6029. Located at St. Gabriel Catholic Church on the corner of Providence and Sharon Amity in Charlotte, NC.

CWA Mentor Program

The following members have offered their help to anyone interested in learning skills or new techniques in their area of interest. Contact each person to arrange times to get together if interested.

Name	Area of Interest	Phone	Email
Wayne Cooper	***	704.409.1417	cooper@arconmfg.com
Bill Golden	Shopsmith & Accessories	704.525.9691	popstoyshop@juno.com
Dwight Hartsell	Woodturning	704.598.6029	woodwright@aol.com
Jeff Jacobs	any woodworking	704.309.1263	jacobj@meckco.com
Wayne Manahan	Sharpening	704.768.0768	wmanahan@vnet.net
Gil Milsaps	Windsor chairs	704.875.0758	gad32about@aol.com
Alvin Tench	any woodworking	704.824.7717	alvintench@netzero.com

*** Wayne Cooper has a fairly complete shop and would actually like an experienced woodworker to use it and teach him how to use it properly in exchange for use of the shop. If you are interested in helping Mr. Cooper please contact him directly to make appropriate arrangements.

Email Option for SAWDUST

If you don't already receive THE SAWDUST by email, please consider this option. By receiving the newsletter by email you 1) save the organization money, 2) receive color pictures, and finally 3) quicker delivery. Sign up today for the email option by sending an email to secretary@charlottewoodworkers.org and your delivery method will be changed immediately.

\$\$\$ Save Money Everyday \$\$\$

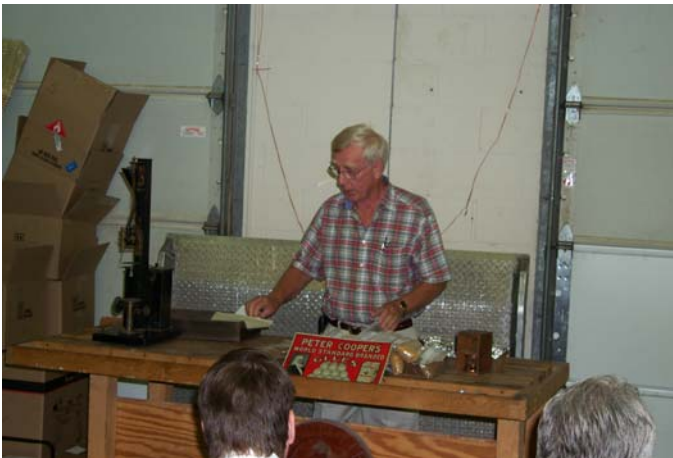
As a member of the Charlotte Woodworkers Association you can save 10% off all your purchases from The Woodworking Shop, excluding wood and power tools. Thanks to our hosts at the Woodworking Shop for allowing us to have our monthly meetings and extending 10% off to CWA members.

Write an article for Sawdust

Please consider writing an article for The Sawdust, this is your newsletter what do you want from it? What do you want to share with your fellow woodworkers? Everyone likes to share, share your successes, failures, mistakes, have fun with it and share with others at the same time!. Contact John Cahill @ secretary@charlottewoodworkers.org or call 704.731.4208 (8am-4:pm).

August's Demonstration by Eugene Thordahl – Hide Glue

What is hide glue you may ask yourself? I asked myself that question and thought “could it be animal hide or is invisible glue?”. Well I found out the answer, boiled animal hide, how interesting.



Eugene has worked with hide glue for many, many years. Eugene brought in various grades of hide glue and talked about how and why hide glue is tested. Each hide produces a slightly different grade of hide glue and the user needs to know what the strength and open time is for the hide glue he or she is using.

Eugene described the history of hide glue and the process used to make it, the following are a few key points:

- Peter Cooper, and early industrialist, came up with the first standards of testing hide glue
- In the 1800s, hide glue was imported from England and France
- Hide glue manufacturers had factories close to hide tanners as the scraps not useable by the tanners were used for making hide glue
- In the 1950s there were 26 companies around the US that made hide glue, today there is only one

- In 1958 Eugene started working for Peter Cooper Corporations testing hide glue

How is hide glue made, you might ask yourself? Here are the steps “Hide Glue in a Nutshell”

- Gather hides and parts
- Wash the hides
- Soak the hides for 60-90 days in lime solution, wash off
- Cook with indirect steam around 120 degrees for 2 hours, drain and save the fluid
- Cook again around 160 degrees, drain and save fluid
- Repeated 5x until temperature is around 212 degrees
- Render down the fluid, grind and bag the hide glue



Eugene said most of his clients are instrument makers and museums. Hide glue dries and is sometime hardly viable, hide glue also can be ‘reversed’ by eating and prying the parts apart. This makes it attractive for instrument makers as they can make internal repairs to instruments.

The test procedures for hide glue is relatively simple. The hide glue samples under test are chilled in a refrigerators for 14 hours, take out and placed on a device that tests the pliability of the glue. The number shown on the scale of the test device is used as the rating.

To use your hide glue simply soak the amount you think you will need for 30 minutes in cold water, heat to 140 degrees and use. Eugene says you can turn off the temperature and reuse the glue the next day. Hide glue will last for about 3-5 days before you will need to ‘make’ some more for use.

Liquid hide glue is okay to use, however remember it has a low tolerance to humidity and will soften up.

Classified Section

\$\$ For Sale \$\$

Approximately 1000 board feet of 1 inch thick Oak – various widths from 6” to 10”, the boards are about 12 feet long. Asking \$1/bf with a 100 bf minimum, would like to see all 1000 bf for \$900. Contact Mike Patterson @ 704.435.5179.

Spray Booth with 18” explosion-proof fan and lights. The dimensions are 10’x10’x8’, \$1000. Contact Jack Coobs at jack@coobsguitars.com or 704.882.3687.

Wanted

- The Boy Scouts are looking for a woodworker to assist in setting up a woodworking shop at Camp Grimes (located south of Marion, NC). The shop will be used by Boy Scouts and camp counselors, only hand tools will be allowed, no power tools. Contact Mark R. Thompson @ 704.536.0784 if you are interested in helping.
- Fine Woodworking magazine is offering 10% off if 10 or more people renewing or signing up for a new subscription.



September Demo – Mr. & Mrs. Dwight Hartsell

Demo is on Pyrography - wood burning



H & S Lumber

Mr. Robert Boland, Manager
 4115 Monroe Road
 Charlotte, NC 28205
 704.333.3130 (sponsor)

Harbor Freight USA

Mr. Martin Treadwell, Manager
 3852 E. Independence Blvd.
 Charlotte, NC 28205
 704.569.0182 (contributor)

The Woodworking Shop of Charlotte

Mr. Tony Collums, Manager
 116M Freeland Lane
 Charlotte, NC 28217
 704.521.8886 (contributing/sponsor – except power tools
 and wood)

Woodcraft

Mr. David Boyuka
 1725 Windsor Square Drive
 Matthews, NC 28105
 704.847.8300 (contributing)

Show your CWA membership card at any of the listed
 places and receive benefits (except for Woodcraft and
 Harbor Freight USA, which are not able to provide
 sponsorship in the form of discounts).

2003 CWA Officers

President	Wayne L. Manahan pres@charlottewoodworkers.org	704.786.0768
Vice President	Bruce P. Bradford vp@charlottewoodworkers.org	704.399.7004
Treasurer	Jaye Paterman treasurer@charlottewoodworkers.org	704.527.8768
Secretary	John W. Cahill Jr. secretary@charlottewoodworkers.org	704.731.4208

The Charlotte Woodworking Association

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 Charlotte, NC 28269
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Upcoming Meetings:

September 15, 2003

October 20, 2003

November 17, 2003

@ The Woodworking Shop
