

## South Coast Woodturners

### Finishes

4/13/13

(The following is the result of the groups' discussion.)

#### **Sanding: A good sharp tool can eliminate lots of sanding time**

- \* Work up through the grits to a minimum of #400 grit - many of the group work up through #600
- \* Following sand paper use the Scot Brite pads up through the white pad
- \* Flood the project with light to identify areas needing more sanding
- \* Scott Trumbo promoted silicon carbide & aluminum oxide sand paper, but not garnet paper
- \* The Porter-Cable 5" orbital sander is great tool for sanding larger projects

#### **Sanding Sealer**

- \* Sanding sealer is a good coating for sealing the cells and open pores
- \* Zinsser Bulls Eye Seal Coat Universal Sanding Sealer is the accepted best product

#### **Finishes**

- \* Bart uses Watco Danish Oil as his primary finishing product.
- \* Formby's Tung Oil is another product used by Bart
- \* Zumwalt's Myrtlewood Wax Formula via Jim Toftner
  - 2 parts walnut oil
  - 2 parts mineral oil
  - 1 part bees' wax

Melt bees' wax; add walnut oil and mineral oil. Stir to mix all items. Pour into smaller containers for you own use. Walnut oil will turn rancid if not used within a period of time.

- \* Jim Toftner's Wax Formula
  - 2 parts grape seed oil
  - 2 parts mineral oil
  - 2 parts bees' wax

Melt bees' wax; add grape seed oil and mineral oil. Stir to mix all items. Pour into smaller containers for your own use. I don't believe grape seed oil will turn rancid. Second advantage is no known allergies to grape seed oil that I am aware of.

- \* **CA Glue Pen Finishing – Ron Newlander**
  - Note: Set the lathe speed at 500-600 for the steps 1-4
  - 1. Wipe on a thin coat of sanding sealer with a soft rag or paper towel.
  - 2. Apply 1 coat of thin CA glue and lightly spray with accelerator.
  - 3. Repeat the process with 4-6 coats of medium CA glue, lightly spraying after each coat.
  - 4. Sand the finish with 400-grade Abranet Sanding Screen Sheets (available at Craft Supply) just to remove the gloss finish. Reset the lathe speed to between 1200-1500 for the next process.
  - 5. Use plastic finishing pads for the next process. These pads are two sided, going from 600-12,000 grade. Place the pads in a small container of water at the beginning of the process. Use a paper towel to remove the water from the pen blank after each grade.
  - 6. Buff the pen with blue buffing compound on a cotton wheel, followed by a final buffing with a flannel wheel.
  - \* Steps 1 and 6 are optional but this is what I like to do. It gives me the look I want.
  - Stick Fast is a good quality CA glue.
- \* **Jim Hodson's Linseed Finish**
  - 1 part linseed oil
  - 1 part Varathane
  - 1 part bees' wax
- \* **Jim Hodson's Deftoil Finish**
  - 4 parts Deftoil
  - 1 part Defthane
- \* **The Beall Buffing system**
  - Sand piece to 220 grit or finer abrasive
  - Seal piece with one or more coats of penetrating oil and let dry.
  - Buff with Tripoli
  - Buff with White Diamond
  - Buff with Carnauba Wax
- \* **The Beall system will remove wipe-on polyurethane**
- \* **The Myrtlewood Gallery uses white mineral oil and paraffin wax.**
- \* **Sonny reported Benwood (Benjamin Moore product) is a good water based finish available from Wayne's Color Tile.**
- \* **Jim Hodson uses India Ink to add color and interest to maple.**
  - Sand to #220
  - Rub on the India Ink
  - Wipe off the ink with acetone

## CA GLUE PEN FINISHING

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Ron Newlander March 8, 2013

**Mahoney Finish:**

Formula:

1/3 Gloss Poly

1/3 Boiled Linseed Oil

1/3 Odorless Mineral Spirits

Add a small amount of Japan Dryer – available through Amazon

Info taken from the Oregon Symposium March of 2015