

EASTERN MICHIGAN WOODWORKERS

VOLUME 28 NUMBER 07

March 11th, 2014

The March 11th meeting will be held at the Buffey Elementary beginning at 7:00PM.

4235 Crosby Road, Flint, MI 48506 If you arrive late and the doors are locked, walk around to the Gym in the back and knock on the doors, if they are not open.

Directions: Buffey Elementary School is located off Genesee Road between Richfield and Carpenter roads. Turn west off of Genesee on Crosby Road. Buffey Elementary is on the north side of the road.

Upcoming meetings

March 11: Hands-On meeting, we will make Long Push blocks

April 8th Note Pads

May 13th Wheels

June 7th **I surely hope the snow is gone for the picnic!!!**

March 11th We will make a long push stick (block) that can be used on either the table saw, router, or jointer. This will give us more control and keep both of our hands out of danger.

Woodworking Show: I really enjoyed the woodworking show in Novi. I learned some stuff about bandsaw tune-up. It was nice meeting Mike Titsworth and his son Jeff, from our club. Chiho wanted to go with me, but she just sat and read magazines from home. (I think she just wanted to monitor the credit card), not really, she actually wanted to go to a Japanese market about 4 miles from the show. I did get some nice stuff anyway and Chiho got the Japanese food supplies.

I hope there was enough interest so that they will have it again next year.

SketchUp: Now that you have seen sketchup in action. Are you ready to try something. Try by checking out a simple project. Here's what you can do to explore, if you have installed SketchUP.. Download the free "18th Century Bench" .skp file created by a woodworker name Splinter Dog, at <https://3dwarehouse.sketchup.com/model.html?id=4de5bc4ef82507636646addc0f9e1472>,

If you want to see how to create a sketchup drawing from a photo. Go to Fine Woodworking site at the following address and watch a short video, showing all the details.

<http://www.finewoodworking.com/item/111749/a-classic-bench-from-a-picture>

There is a large collection of free drawing at <http://sketchup.google.com/3dwarehouse>

Clothing Donations: Buffey School has 2 rooms of clothes to display and are need donations of all sizes and ages including adults.

Dues: If you missed paying your dues, please do so right away.

MAIL TO: **Dennis Ackerman, 4470 Branch Rd., Flint, MI 48506.**

Email Address?: If you have a new email address, or now can switch, from the mailed newsletter, to the email version, of the newsletter, to save the club money. Please email it to **dcbare@comcast.net**

Our Librarians: Duane and Ann Whitman are our Librarians. The books are located at Buffey, in cases, with attached wheels and are brought into the meeting room to be viewed, or checked out at every meeting..

Gene Munsell can weld band saw blades

E & L Hardwoods

5365 Gary Rd.
Chesaning, MI 48616.
For directions call 989-845-2457.

Will give EMW members a 10% discount. Just show your EMW membership card.

**Eastern Michigan Woodworkers
Newsletter**

Is published once a month by Eastern Michigan Woodworkers, located in Genesee County Michigan.

We meet the second Tuesday of the month at Buffy School in the Kearsley School District.

You may contact us at:

EMW
6295 Flushing Rd
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dcbare@comcast.net

A SAFETY NOTE

For all hands on meetings and classes you will need to bring your own safety glasses and ear plugs.

EMW LIBRARY

Remember that the EMW Library has many books, plans, magazines, and VHS tapes. Check with Duane or Ann Whitman before you spend your hard earned money



Will give EMW members a 10% discount. Just show your EMW membership card
Make sure they record your purchase in their binder for us.

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**DEMOTT TOOL AND SAW
SHARPENING AND REPAIR**

Eric Johnson is the owner and operator of located at 1919 N Lapeer Rd., Lapeer 48446. Phone 810.667.2005. (Located, in the back, of Lapeer Awning and Window.

Graphics Galore (the hat and t-shirt guy) is located at Genesee MI. If you are interested in getting a hat or t-shirt, you can stop by and pick the style of hat and shirt. They have the EMW logo on file.

NELSON'S WOOD PRODUCTS

**4375 W. OREGON ROAD
LAPEER, MICHIGAN 48446
(810) 664-6091**

Will give EMW members a 10% discount. Just show you membership card

Buy or Sell

Remember if you are looking for something to buy or sell or have some info for the newsletter, contact Dan Bare dcbare@comcast.net or 6295 Flushing Rd., Flushing, MI 48433

Glues

These are PVA Glues



			
Strength*	4,000 psi	3,750 psi	3,600 psi
Open Time	10 minutes	5 minutes	5 minutes
Chalk Temperature	47° F	55° F	50° F
Viscosity	4,200 cps.	3,200 cps	3,400 cps
Exterior Use	Yes**	Yes***	No

Open Time is the allowed time to apply and connect pieces of wood.

Chalk temperature indicates the lowest recommended temperature at which the glue, air and materials can be during application, to assure a good bond.

(I use Titebond III or Gorilla Wood Glue most of the time because of the 10 minute open time.

Gorilla Wood Glue is type II

What Do You Know About Hide Glue

By Dan Bare

Hide glue has many advantages over synthetic glue (PVA's – Titebond I, II, III, Gorilla wood glue, and yellow glue) . It sets quickly, is transparent to oils, stains, and finishes, is easy to clean up, and is easily reversible when repairs are needed (just apply heat and moisture). Animal protein glues are also organic in nature, and are not harmful to people or pets.

Professional woodworkers have long used hide glue for its long assembly time, exceptional strength. One of best features is that its sensitivity to moisture allows for easy disassembly of parts, a critical benefit in antique restoration or the repair of musical instruments. It will also will make a unique crackling effect on wood. It provides superior creep-resistance, offers excellent sandability and is unaffected by finishes.

The main difference in strength between PVA glues and hide glues is the way they setup or harden. PVA glues, once they have fully dried, their hidden glue joint looks like an old-fashioned lace, because it must lose a percentage of its water content through evaporation or absorption before it can set. Therefore, it must be under pressure the entire time, since moisture loss results in adhesive thickness decrease. That weakens its bond.

Hot hide glue isn't under those constraints at all. It sets by gelling momentarily, dependent on temperature and time to set. From that point, no clamping is even required, and it just keeps getting tighter and tighter, a 100%, perfectly conforming airtight joint

There are two types of hide glue

Hot hide glue and liquid hide glue. Tests show, that liquid hide glue, is as good, as hot hide glue. In tests the two glue types were close to being equal. Either type work well on most woods except Ipe. They do not recommend it for use on Ipe.

Titebond was the first company to offer Liquid Hide Glue, Old Brown Glue Liquid Hide Glue and Titebond Liquid Hide Glue are both sold by Rockler, (show your membership card and get a discount on your purchase.) They require no mixing, heating or stirring. Has a long assembly time and exceptional strength.

Application Temperature Above 50°F.

Open assembly time 10 minutes (70°F./50% RH)

Total assembly time 20-30 minutes (70°F./50%RH)

Minimum required spread - Approximately 6 mils

Required clamping pressure - Enough to bring joints tightly together (generally,

100-150 psi for softwoods,

125-175 psi for medium woods

175-250 psi for hardwoods) requires no mixing, heating or stirring.

Method of Application - Can be applied by brush, or stick, or roller or dip spreader, or pressurized oil cans, or plastic applicators,.

Cleanup - Damp cloth while glue is wet. Scrape off and sand dried excess.

Titebond Liquid Hide Glue is not intended for exterior use or where moisture is likely. Not for structural or load bearing applications. For exterior applications use Titebond III Ultimate Wood Glue or Titebond II Premium Wood Glue. Freezing may not affect the function of the product but may cause it to thicken. Agitation should restore product to original form. KEEP FROM FREEZING.

Storage life –

Liquid hide glue, 12 months in tightly closed containers at 75°F.

Dry granules for ever, as long as kept in a sealed container or bag.

I Don't Like To Cook

By Augie

That's true; I don't like to cook but why? Usually the outdoor grill is a man's domain but it is not mine. I have no desire to grill steaks or anything else on the grill; don't get me wrong I really enjoy a good steak from the grill. I have a brother who loves to cook and he's good.

I have been asked many times about not enjoying cooking. I thought about it and concluded there must be a reason.

The operative word here is why? I trace it to my upbringing. In our home the women provided the meals and the men worked in the fields so I was never taught anything about cooking. By the time my youngest brother came along things had changed. At an early age he was on his own and had to cook for himself. During the years that I would have been cooking for myself, the US government was providing my food in exchange for my service. So I never was forced to learn how to cook. Just ask my daughters what kind of a chef I am.

On the other hand I like working with wood. Woodworking is something like cooking if you think about it. You start with the raw ingredients do several processes put on the finishing touches and viola! You have something you can present. Many times you follow a guide to get to the finish and you may want to try something new.

So the conclusion is that woodworking and cooking are very similar.

Let's compare the two.

Cooking	Woodworking
Kitchen	Shop
Raw ingredients	Wood
Stove	Table saw
Counter space (never enough)	Work bench (never enough)
Gadgets	Jigs
New recipe to try (new kitchen gadget)	New wood project (new tool)

So you see they are very similar, I like woodworking and in comparing them I can see where I could possibly enjoy cooking. I think I will go and look at the latest woodworking tool/gadget. I can see if I took up the culinary art it could be just like woodworking and I could just see me buying all the latest food gadgets.

Tip of the month – Make a copy of the contents page of your woodworking magazines to create a master index.

Thank you: Augie, you have a great ability to imagine and put interesting things down on paper.
Thank you. Dan

Storage Life of Glue

Liquid Hide Glue 12 months, check date label on bottle before purchase.
PVA Glues I think most PVA glues shelve is 24 months.

Did You Know: Elmer's glue is the glue of choice for students across the nation. It is estimated that over 47 million elementary school students use Elmer's Glue on a weekly basis.

This guy lived for baseball- But he had to go to work during an important game, so he asked his wife to tape it for him. After he left the office, he flew through the front door, bursting with anticipation. "Don't tell me the score" he yelled to her. "I don't know the score," she assured him. "All I know is that your team lost"

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