

When we think of wood, we often think of lumber or even the paper we write on, but wood and the chemicals derived from wood are around us constantly. Below is a list of items derived from trees and wood, this list is adapted from a list produced by the University of Kentucky, and by no means is it complete:

Lumber and plywood to build new homes

Doors

Window frames and sills

Flooring

I-joists

LVL (laminated veneer lumber)

Parallel strand lumber

Finger-jointed lumber

Machine stress-rated lumber

Coat racks

Furniture

Dining room tables

Upholstered furniture frames

Rocking chairs

End tables

Coffee tables

Beds

Bookcases

Nightstands

Bureaus

Landscape timbers

Highway guard rails

Snowshoes

Toothpicks

Match sticks

Chopsticks

Shutters

Baseball bats

Canoe paddles and oars

Musical instruments:

Guitars

Pianos

Organs and organ pedals

Oboes

Bagpipes

Banjoes

Clarinets

Flutes/Fifes

Mandolins

String bass

Violins

Violin bows
Cellos
Bassoons
Drums
Drum Sticks
Tambourines
Wood blocks
Speaker cabinets
Amplifier cabinets
Metronomes
Xylophones
Harmonicas
Stage flooring
Sandboxes and Backyard play sets
Charcoal
Tool handles
Toilet plungers
Medicine cabinets
Parallel bars
Vineyard stakes
Toys such as wooden blocks
Rulers
Birdhouses
Fencing, fence posts and rails
Firewood
Fishing boats
Ladders
Hockey sticks
Dog houses
Pallets
Particleboard
Medium density fiberboard (MDF) (used in kitchen cabinets and furniture panels, for example)
Hardboard
Garage doors
Gazebos
Hot tubs and spas
Lath
Trellises
Kitchen utensils
Pencils
Ping Pong paddles
Golf tees
Animal bedding
Railroad ties
Seesaws
Model airplanes

Coffins
Brush handles
Cable reels
Canes
Cedar chests
Cedar closet lining
Activated charcoal
Church pews and altars
Closet rods
Barrels
Crutches
Desks
Docks
Decks
Kitchen cabinets
Ferryboats
Gazebos
Grandfather clocks
Stair rails
Truck and trailer flooring
Mouldings and baseboards
Paneling
Picnic tables
Pilings for building construction
Popsicle sticks
Porch swings
Produce crates and boxes
Propeller shaft bearings for ships
Rocking horses
Rowboats
Shingles
House siding
Putty-type of wood filler
Tongue depressors
Totem poles
Sleds
Salad bowls and serving ware
Telephone poles
Wheelbarrow handles
Wood carvings
Wooden nickels
Pegboard
Ship masts and yardarms
Toilet seats
Piano keys (wooden)
Rolling pins

Parallel bars
Log houses
Bowling alley lanes
Bowling pins
Railroad crossing gates
Rural bridges
Tent poles
Hurdles
Lobster pots and floats
Wooden matches
Parts of snowboards, skis and skateboards
Ventriloquist dummies
Name tags
Flagpoles (for smaller flag
Cribs
Police batons
Planters
Dowels
Scaffold planks
Concrete forms
Glu-lam beams (used to create long open spaces, as in churches)
Excelsior
Veneer
Bushel baskets
Pants hangers
Kitchen counters
Woodcut artwork
Merry-go-Round horses
Birdhouses
Snowshoes
Woodworking clamps
Spinning wheels
Baskets
Novelties such as Nutcrackers
Checker sets
Jewelry boxes
Foundry patterns
Crates
Garage doors
Theatre scenery
Gunstocks
Beehives
Mallets
Butcher blocks
Organ pipes
Crucifixes

Drafting tables
Ballot boxes
Knife handles
Children's puzzles
Work benches
Toboggans
Bookcases
Park benches
Gun racks and cabinets
Billboards
Snow fences
Trellises
Yo-yos
Dice
Silverware chests
Venetian blinds
Billiard cue sticks
Fuel for meat smokers
Spices and flavorings
Allspice
Annatto
Bay leaves
Cinnamon
Cloves
Filé (Sassafras leaves, used to thicken gumbos)
Juniper berries (gin flavoring)
Mace
Nutmeg
Orange blossoms (flavored water)
Chips for smoking meat
Sassafras oil is used as a soap perfume
Logs provide nutrients for shiitake mushrooms
Cutting boards
Model airplanes
Biscuits for wood joining
Doll houses
Test tube racks
Wine racks
Handrails
Stake-body truck sides
Gerbil chew sticks (balsa wood)
Computer and copy paper
Book paper
Book marks
Envelopes
Checkbooks

Bulk mail
Bills
Instruction manuals
Packaging cards for blister-packed products
Calendars
Diplomas and Certificates
Report cards
Lamp shades
Book covers
Concert posters
Identification badges
Newsletters
Recipe cards
Salt boxes
Sugar and flour bags
Can labels (except for tomato cans for some unknown reason!)
Bottle and jar labels
Cereal boxes
Shelf labels in grocery stores
Adhesive-backed labels
Receipts
Menus
Poster board
Baking cups
Coupons
US currency is not made from wood pulp it is made from cotton and flax fibers
Coffee filters
Facial and bath tissue
Packaging for facial and bath tissue (the boxes and wrappers)
Napkins
Sanitary and surgical absorbent products
Disposable diapers
Kites
Catalogs
Game boards
Masking tape
Crepe paper
Birthday and Christmas wrapping paper
Stickers
Coloring books
Flashlight battery labels
Paper dolls
Baseball cards
Tracing paper
Election ballots
Milk cartons

Egg cartons
Postage stamps
Paper towels
Playing cards
Building insulation, loose and in panel form
Grocery Bags
Paper Cups
File Folders
Post-It NotesÆ
CD labels
DVD and VCR tape packaging
Magazines
Magazine card inserts
Postcards
Maps
Fast food packaging
Frozen food boxes
Construction paper
Kraft paper (wrapping paper)
Multi-wall sacks for birdseed and pet foods
Price tags
Sandpaper
Seed starter blocks
Loudspeaker cones
Origami paper
Tea bags are usually not made from wood
Pulp, they are mostly made from abaca, also known as Manila hemp
Tea bag labels are made of wood-based paper
Cigarette papers and vacuum cleaner bags are made from hemp or flax fiber!
Bible paper
Wallpaper
Tubes for bathroom tissue and paper towels
Artificial snow (paper snow)
Wax paper
Confetti
Admixture with sprayed-on grass seed
Food additive (non-digestible cellulose dietary fiber). Used in diet drink products, food texture enhancer. (In the late 1970s, a diet bread used cellulose fiber from wood as one of its ingredients.)
Butcher paper
Musical instrument cases (cardboard type, as for guitars)
Phone books
Photographs
Newspapers
Tickets
Business cards

Roofing felt
Ice cream containers
Pizza boxes
Disposable tablecloths
Retail software boxes
Corrugated cartons
Ceiling tiles
Absorbent socks for oil spills
Absorbent liners for supermarket meat trays
Stationery and notebook paper
NCR (no carbon required) paper
Tax forms
Marriage licenses, birth and death certificates and other civil documents
Racing forms
Programs for sporting events
Fiber filler for plastics:
Tool handles
Football helmets
Buttons
Eyeglass frames
Wood-plastic composite lumber:
Garden benches
Picnic tables
Planters
Fencing
Decking
Textiles (Rayon, Tencelô)
Cellulose acetate (wrapping and photo-graphic film)
Cellulose nitrate (former composition of movie film, except that it was very flammable and unstable with age)
Celluloid (rarely produced nowadays, except for guitar picks and pickguards, fountain pens, accordion cases and ping-pong balls. Formerly used for costume jewelry, clocks, etc.)
Cellulose acetate and cellulose nitrate are both used in adhesives and lacquers.
CMC (carboxymethyl cellulose) is used as a food thickener and texturizer for products such as ketchup and ice cream (depending on manufacturer); also used to stabilize oil well drilling muds.
Cellulose-based pill fillers
Cellophane (wrapping material, also used for Easter basket grass!)
Toothpaste additives (e.g., cellulose gum)
Plastic twine
Hardhats and sports helmets
Cigarette filters (cellulose acetate fibers)
Cellulose industrial filters
Sausage casings
Cellulose sponges
Artificial vanilla flavoring (by-product of Kraft process pulping)
Cleaning compounds

Chewing gum is a combination of natural rubber (especially chicle, from the Sapodilla trees from Central and South America) with some synthetic latexes to extend the natural latex supply. Other wood chemicals such as rosin esters and terpenes are also common ingredients.

Additive to unfired ceramics to give them strength

Fungicides

Hair spray

Cosmetics including thickeners such as methyl cellulose and methyl-hydroxy-ethyl-cellulose

Methanol (used in colognes, solvents)

Torula yeast (a food supplement) is grown on wood sugars and wood mineral nutrients leftover from pulping operations. This is used in baby foods, imitation bacon, cereals, baked goods, etc.

Tannin (used in natural tanning process, less common than formerly)

Carnauba wax is commonly used as a pill coating.

Liquid Smoke

Linoleum (oxidized linseed oil mixed with pine resin and wood flour)

Acetic acid (produced by distillation of wood)

Biofuels from wood distillation

Liquid nail polish

Shaving cream (tea tree oil, camphor, etc., varies by manufacturer)

Suntan lotion (e.g., almond oil (emollient); clove bud oil (scent); cocoa butter (emollient))

Ink (incorporate tall oil rosins from hard pines)

Tall oil fatty acids and derivatives are used as:

PVC stabilizers

Synthetic lubricants

Polyamides

Corrosion inhibitors

Soaps

Detergents

Emulsifiers

Rubber processing additives

Asphalt additives

Concrete additives

Epoxy additives

Plasticizers

Metalworking chemicals

Oil field chemicals

Rosin-based adhesive products

The U.S. Forest Service has a great book that is free online that describes wood, its uses, and protection at the following web address:

<http://www.fpl.fs.fed.us/documnts/fplgtr/fplgtr113/fplgtr113.htm>