



Environmental
Health and
Safety

FABLAB APPROVED MATERIALS LIST SPRING 2026

GUIDELINES

The Environmental Health and Safety department has created this materials list in an effort to maintain a healthy environment for students and staff in the lab, as well as to encourage the use of as sustainable materials as is feasible.

Materials on this list are approved for students and faculty to purchase and use in the Fablab. **Students and faculty are responsible for removing the materials from the lab and their proper disposal.** Students who bring unapproved materials into the Fablab can lose their lab use privileges at the discretion of the Fablab Environmental Health and Safety Coordinator.

Anything not on this list that a student or faculty member believes they may need should be submitted to the Fablab Environmental Health and Safety Coordinator for approval before being purchased and brought into the Fablab (FabLab@lagcc.cuny.edu).

ADHESIVES

General, Paper, Wood



Elmer's Wood Glue (PVA)

Home Depot, Dick Blick, Janovic Paint & Decorating Center



Titebond I, II, & III Wood Glues (PVA)

Home Depot, Dick Blick, Janovic Paint & Decorating Center



Dick Blick Multi-Purpose White Glue (PVA)

Dick Blick



Elmer's Glue All (PVA)

Home Depot, Dick Blick, Staples, General Stores

FABLAB APPROVED MATERIALS LIST



Mod Podge Glue, Original, All Sheens (PVA)
Dick Blick, Michaels, Walmart



Gorilla Glue Original, Clear, or White (Polyurethane)
Home Depot, Dick Blick, Janovic Paint & Decorating Center

XPS Foam



Gorilla Glue Original, Clear, or White (Polyurethane)
Home Depot, Dick Blick, Janovic Paint & Decorating Center

Acrylic



Zap-A-Gap CA+ Adhesive - Medium
Dick Blick



Krazy Glue All Purpose
Janovic Paint & Decorating Center, Home Depot, Lowe's, Michaels, Target,
most independent hardware stores



Krazy Fix Light Cure
Online



SuperWeld Light Activated Instant Glue
Home Depot, Lowe's, Michaels

FABLAB APPROVED MATERIALS LIST



E6000 (Eclectic Products)

Home Depot, Lowe's, Michaels, Janovic Paint & Decorating Center, most independent hardware stores

Other



Surebond General or Wood Hot Glue

Home Depot, Dick Blick, Artist and Craftsman



Gorilla Glue All-Temperature Hot Glue Sticks

Home Depot, Dick Blick, Artist and Craftsman



Devcon Home / Permatex 5-Minute Epoxy

Janovic Paint & Decorating Center, most independent hardware stores



Devcon Home / Permatex 5-Minute Epoxy

Janovic Paint & Decorating Center, most independent hardware stores



Smooth-On Super Instant Epoxy

The Compleat Sculptor



E6000 (Eclectic Products)

Home Depot, Lowe's, Michaels, Janovic Paint & Decorating Center, most independent hardware stores

FABLAB APPROVED MATERIALS LIST

PATCHING

General



Durham's Water Putty

Home Depot, Janovic Paint & Decorating Center

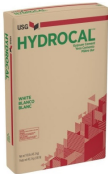


Rust-Oleum / Zinsser MH Ready Patch

Home Depot, Janovic Paint & Decorating Center

CASTING

Plaster



Hydrocal

The Compleat Sculptor



Alja-Safe

The Compleat Sculptor

Wax



Beeswax

Michaels, Dick Blick, Artist & Craftsman

Cement



Rockite

Home Depot, most independent hardware stores

FABLAB APPROVED MATERIALS LIST

Mold Release



Dawn Original Dishwashing Liquid



Smooth-On In & Out II
The Compleat Sculptor

Mold Sealer



Smooth-On Super Seal
The Compleat Sculptor

Rubber / Silicone



Smooth-On Oomoo 30
The Compleat Sculptor, Dick Blick

ABSOLUTELY NO OTHER SILICONES OR URETHANES ARE ALLOWED!!!

COATINGS

Currently, all coating allowed in the lab must be water-based / acrylic, or approved hybrid formulations.

Primers

Drywall / Wood



Zinsser Bulls Eye 1-2-3 Water-Base Primer
Home Depot, Janovic Paint & Decorating Center

FABLAB APPROVED MATERIALS LIST



Benjamin Moore Fresh Start High-Hiding All-Purpose Primer
Janovic Paint & Decorating Center

Plastic, PVC, Metal, Tile, Laminate



INSL-X STIX Waterborne Bonding Primer
Janovic Paint & Decorating Center

Expanded Polystyrene Foam / Canvas



Golden Artist Colors Gesso (White / Black)
Dick Blick, Artist & Craftsman



Utrecht Artists Acrylic Gesso or Utrecht Professional Acrylic Gesso
Dick Blick



Blick Artists Gesso or Blick Professional Gesso
Dick Blick

Paints

General / Walls / Vertical Surfaces



Benjamin Moore Aura Interior Paint
Janovic Paint & Decorating Center

FABLAB APPROVED MATERIALS LIST



Golden PaintWorks Metallic Paint
Janovic Paint & Decorating Center



Benjamin Moore Eco Spec Interior Paint
Janovic Paint & Decorating Center



Benjamin Moore Ultra Spec 500 Interior Paint
Janovic Paint & Decorating Center

Furniture



The Real Milk Paint
Tools For Woodworking, realmilkpaint.com



General Finishes Milk Paint
Janovic Paint & Decorating Center



Benjamin Moore Advance
Janovic Paint & Decorating Center

Wood Finishing Pre-Stains



General Finishes Water Based Pre Stain Conditioner
Janovic Paint & Decorating Center, Rockler.com

FABLAB APPROVED MATERIALS LIST

Topcoats / Protective Finishes



Benjamin Moore Stays Clear Interior Acrylic Polyurethane
Janovic Paint & Decorating Center



Minwax Polycrylic Protective Finish
Home Depot, Janovic Paint & Decorating Center



Minwax Polycrylic Max Protective Finish
Home Depot



EcoProcote Eco-Tuff Clear Coat
Online only. Available in 3 sheens, use the selection button.
<https://ecosafetyproducts.com/eco-tuff-polyurethane-clear-coating-matte/>

Stains



General Finishes Water-Based Dye Stain
Janovic Paint & Decorating Center, Rockler.com



General Finishes Water-Based Wood Stain
Janovic Paint & Decorating Center, Rockler.com

POLISHING

Metal



Bumblechutes Shop Wax
Rockler

FABLAB APPROVED MATERIALS LIST



Beeswax

Michaels, Dick Blick, Artist & Craftsman

Acrylic



Novus 1, 2, 3 Plastic Polishes

Canal Plastics, Online

MODELING

Clay



Crayola Model Magic - White

Target, Michaels, Dick Blick, Artist & Craftsman, Walmart



Chavant Jolly King Plasteline (Sulfur Free)

Dick Blick, The Compleat Sculptor



Chavant Prima Plastilina Clay (Sulfur Free)

Dick Blick, The Compleat Sculptor



Chavant Renaissance Modeling Clay (Sulfur Based)

Dick Blick, The Compleat Sculptor



Van Aken Plastalina Modeling Clay

Dick Blick, The Compleat Sculptor

FABLAB APPROVED MATERIALS LIST

WOOD

When the option is available, wood should be FSC or SFI Certified

NO RECLAIMED LUMBER!

Lumber must be from a reputable dealer. We recommend Lenoble Lumber, Oriental Lumber, or Rosenzweig Lumber

Solid Wood

Ash

Alder

Applewood

Balsa

Bamboo

Birch (Silver, Yellow)

Bloodwood

Cedar (Alaskan Yellow Cedar, Atlantic White Cedar, Southern White Cedar) NO RED

Cherry

European Boxwood

Fir

Hemlock

Hickory

Juniper

Lacewood

Magnolia

Mango

Oak (Red, White)

Olive Wood (East African, European)

Pine (Pinyon, Western White)

Poplar (Yellow / Tulip Poplar)

Spruce

“Southern Yellow Pine” (Ponderosa, Jeffrey, Loblolly, Longleaf, Shortleaf, or Slash Pine)

Yellowheart (Pau Amarello, Brazillian Satinwood)

Solid Wood with Special Requirement

Maple (Sugar) – Must wear long sleeves

Engineered Wood

Cork

Hardwood Plywood - See the Fablab Safety Coordinator

Hempwood

MDF must be certified “No Added Formaldehyde”.

More details and products coming soon.

FABLAB APPROVED MATERIALS LIST

OTHER MATERIALS

Expanded Polystyrene Foam

Foamcore / Foam Board

Fabrics - See the Fablab Safety Coordinator

Fiber Materials (papers & cardboards)