

MATERIALS QUICK INDEX: GSAPP 2020

HARDWOOD

small chunks: inventables.com

large+local: Rosenzweig Lumber (Bronx)

lucky: local lumber supplies

eBay: exotic, unique chunks

PLY/SHEET WOODS

OK, fast: Metropolitan Lumber

better: Roberts Plywood

usually bad: Home Depot

CASTING PLASTICS/RESIN

off-clear, easy plastic: Smooth-On SmoothCast 325, 326, 327

white, easy plastic: Smooth-On SmoothCast 300, 305, 310

clearest (but dangerous for allergies): Smooth-On Crystal Clear 200(best), 202, 204

note: pay attention to set times and MAX THICKNESS. be prepared to cast in layers.

CASTING RUBBERS

fast set, durable, translucent: Smooth-On MOLD STAR (not MOLD MAX) 19T

cheaper: Smooth-On 00M00

tougher, amber: Smooth-On PMC-744

HARD FOAMS

blue XPS (better fuzz/consistency: Dow SquareEdge... **Chinatown Building Supply:** available in 24" x 96" x 4"

white XPS (called "high density"): Contact Brian Lehrer blehrer007@aol.com. beware: white foam CNCs very fuzzy

Polyurethane Foam (high density/corafoam/dunaboard): Compleat Sculptor (use this!!)

PLASTER + CEMENTS

plaster of paris: soft, unstructural, cheap

Hydrocal: pure white gypsum cement, behaves much like Rockite. Compleat Sculptor.

Rockite: quick setting anchoring cement. Slowly destroys the planet.

CASTING FOAMS

rigid: Smooth-On FOAM-IT (light=<10)

flexible: Smooth-On FLEX-FOAM-IT (<10)

squishy and weird: Smooth-On Soama Foama

cheap + light: TOTAL BOAT floatation foam

STONE

soft enough to cut: soapstone, alabaster

ABC Stone (Greenpoint): supplier

PR Stone: supplier + machining

also: search through LIC, Greenpoint, Astoria

ACRYLIC (PLEXI)

easy, local, selection: Canal Plastics

bulk/thick/special: Thyssen Krupp, Acrylex

unique small pieces: inventables.com

note: always buy CAST acrylic for laser cutting

CORK

up to 6" thick: jelinek.com

MACHINABLE WAX/ CORIAN/ SOLID-COLOR MDF

inventables.com

SPRAYPAINT

ONLY WATER BASED PAINTS NOW ALLOWED!!!



MTN PAINTS

LIQUITEX WATER-BASED