

Renato Student Tool List

120-600g sandpaper
Dividers
Ruler
Caliper
Flex-shaft
Burs (primarily large cylinder burs or other 'carving' type)
Sharpie type markers
Paper, pen, pencils
1 box nitrile gloves

1 role paper towels (High quality)
1 roll of Saran-Wrap or equiv
Plastic packaging tape
1 Package of white or gray Sculpey polymer clay
Coarse hand files
Needle files
Long sleeve shirt
Apron
Dustmask

Material kit will provide:

4 new white 4" buffs with between 1-3 stitches
1 bar of Fabulustre or Zam polishing compound
Hot glue gun
Vulcanite file
Organic vapor respirator if possible
Pressure Pot (2.5 and 5gal if possible - Harbor Freight)
<http://www.harborfreight.com/5-gallon-pressure-paint-tank-66074.html>
<http://www.harborfreight.com/2-1-2-half-gallon-pressure-paint-tank-66839.html>
Vacuum Chamber (regular investing type is fine)
Box craft sticks for stirring
Mixing containers:
32 oz. containers, 40
64 oz. containers, 20
16 oz. containers, 40
scalpel blades and handles (1 per 2 students)

Smooth-On Products:

EpoxyEE Cleaner (the blue gel we use to clean almost all of our resin based materials)

<http://www.smooth-on.com/index.php?cPath=1203> (2)

Extend-It (nitrogen spray to 'blanket' almost any of these materials and extend their pot life)

<http://www.smooth-on.com/index.php?cPath=1203> (1)

Ease Release 200 Mold Release (a mold release that should release polyurethane from polyurethane, help it cast smoother against silicone etc, and release silicone from silicone)

<http://www.smooth-on.com/Release-Agents-and/c9/index.html> (2 cans)

Casting Materials:

Smooth Cast Color Match 327 (an amber colored translucent material that has a reasonable demold time, is easily colored, and is rigid, NOT carvable)

http://www.smooth-on.com/Urethane-Plastic-a/c5_1120_1206/index.html (1 gallon kit)

Crystal Clear 200 series (a high quality, water clear, rigid polyurethane casting material) (2 1 gallon kits)

Crystal Clear 220 (the highest quality, water clear, rigid polyurethane plastic we use)

<http://www.smooth-on.com/index.php?cPath=115> 6 (1 gallon kit)

1 kit SoStrong pigments

Mold Making Materials:

Mold Max 27, 20, 10 (tin cured silicone elastomers - good general purpose mold making 'rubber') (1 gallon kit)

Sorta Clear 40 (translucent platinum cured silicone - the highest quality mold making material we use) (2 1 gallon kits)

<http://www.smooth-on.com/Silicone-Rubber-an/c2/index.html>

http://www.smooth-on.com/Silicone-Rubber-an/c2_1115_1134/index.html?catdepth=1