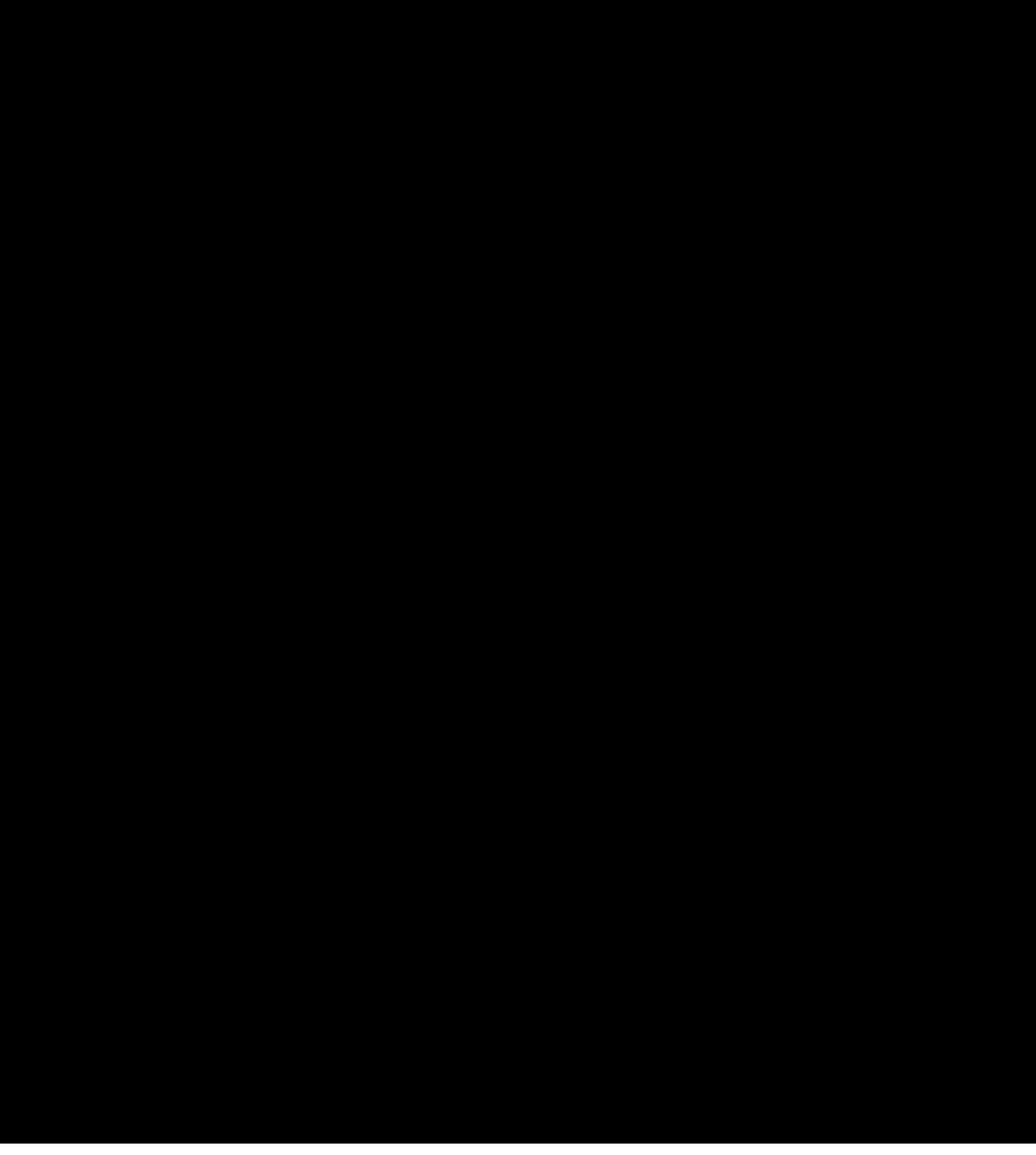




Chemical Laboratory

Material & Composition	Manuf. & Costs	Suggested Uses	Results
Alkyd 5829-42 Plasti- cizing Resin	Hercules	Substitute for 501 Cellolyn	Okay
Alkyd 5829-43 Plasti- cizing Resin	Hercules	Substitute for 501 Cellolyn	Does not do as good a job as 5829-42 in lacquers
Blue BT 284 D	duPont, \$3.85	for BL-58	Okay for color
84-G Metallic Brown	Prince Mfg. Co.	vs. 1806 R-62	Much Lighter than 1806
SV-9700 S	Bakelite	Substitute for shellac with Vinyl- ite VYHL	Okay
Beckosol P-322	Reichhold LCL 22 1/2¢	For 1323 Aroplaz	Same as 1323 Aroplaz from USI. Okay
Beckosol P-443	Reichhold LCL 21 1/2¢	Substitute for V-843 & 2-KB-369-B	Okay
Beckosol P-484	Reichhold LCL 22 1/2¢	For 2-KB-386	Same as Dyal 15089 or 2-KB-386. Fast solvent release. Okay
Ceremul "	Socony Vacuum	Slipping Agent lubricated in emulsions	Okay
FCD 523	France, Campbell, Darling LCL 22¢	Substitute for V-843 & 2-KB-269-B	Okay
X-9614 C.F. Deep Green	Imperial Paper & Color 39 1/2¢	For G-3	Deeper & yellower. Emergency use only.
GD-52441	Sindar \$3.50 lb.	for GD-5244 to mask solvent odors	No better than GD-5244
Chrome Oxide Green P-0246	Minn. Mining & Mfg.	For G-73	Deeper and Bluer. No good.
X-1020 Brilliant Deep Maroon	Imperial Paper & Color	For R-70	No good for color.
X-2257 Mecca Maroon	Imperial Paper & Color \$1.75	For R-273	Heat tests okay. Deeper & yellower. Emergency use only.
X-1939 Rex Orange	Imperial Paper & Color 41¢	For Y-70	More brilliant, redder. Emergency use only.

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Material & Composition	Manuf. & Costs	Suggested Uses	Results
Paratoners 2J01	Universal Pigment \$.85	vs. R-14 and R-15	Emergency Substitute
2J02	" \$.85	vs. R-14 and R-15	No good for color
2J04	" \$.95	vs. R-14 and R-15	No good for color
Spanish Red Iron Oxide 86.5% Fe ₂ O ₃	Std. Internet'l Corp. LCL 6 1/4 #	For R-222	For emergency use only. Not as deep, weaker.
45-X Basic Silicate White Lead	National Lead LCL 17-3/4 #	Mirror Backing	Okay as a lead pigment in mirror backing
Styresol 4400 Alkyd Modified with Styrene	Reichhold 24 1/2 #	Fast air dry or bake alkyd such as 1307 Beckosol	Print proof in 2 hours at 130°F. Okay
Styresol 4250 Alkyd Modified with Styrene	Reichhold 24 1/2 #	Replace any short oil alkyd	Okay
Croceine Scarlet MOO #245239 #245280	National Aniline	For R-218	Both okay. The 245239 is preferred because it is slightly stronger
Toluidine Toner	Van Horn, \$1.35	For R-209	No good for regular R-209 Could be used as a deep Toluidine
9691 L. P. Light Yellow	Imperial Paper & Color 29 1/2 #	For Y ¹ -1	Slightly deeper and slightly stronger. Okay

FBR:mlg

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