

Egyptian Pastes

	Steve's C06	Long Beach C08	J.V. Nobles Gloss C08	J.V. Nobles Matt C08	White Paste C04	Rowan C06-2 Self Glazing	Rowan C2-6 Self Glazing	Rowan C08-06 Egyptian Paste	Fetzer C08-06
F-3110									15
F-3195						8			
NC-4	35								
Nepheline Syenite		34	46		37.5				
Custer Feldspar								39.18	
Whiting			6		4.6		3		
Dolomite							4	5.15	
Silica 200 mesh	35	34	23	56	18.6	24	26	18.56	45
Gold Art clay							24		
Cedar Hts. Bonding						52			
Kaopaque 20								15.47	
Tenn. #1 ball clay		10			4.6		24	5.15	
Tenn. #5 ball clay									30
EPK	20				23.4				
Borax							1		
Talc #2882	5								
Soda Bicarbonate	5	5	7	8	5.6	4	4	8.25	
Soda Ash	5	5	7	8	5.7	4	4	4.12	6
U.S.Silica Sand F95			9	22		8	10	4.12	
HPM-20			2	6		3	3	3	4
Copper Oxide Red	3	Turquoise:						Raku or heavy	2 Copper Carb.
		3-4 Copper Carb						reduction colors:	
		Blue:							
		.25-.5 Cobalt Ox.						Copper Luster:	
		Violet:						.5-1 Cop. Chloride	
		1-4 Mang. Diox.						.5-.75 Tin Chloride	
		Yellow:						.25 Mang. Dioxide	
		5 Yellow Stain						Yellow Gold Iridescence:	
		Green:						1 Iron Chloride	
		5 Green Stain						.5 Bismuth Subnitrate	

	Khaimraj C09	CM C06 Base	CM Bonny's Raku	CM C08-04 Brilliant Blue	Studley C04	Studley C04 Touch Up Glaze	Studley C08-01 Limits
F-3134	15				5	55	Low temp flux soda ash .5-3% sodium bicarb 0-2%
Nepheline Syenite	25	38	38.23		15		
Custer Feldspar							
Ball Clay	25		11.76				
Silica 200 mesh	20	38	38.23	8 tsps	20	10	High temp calcium flux dolomite 2-10% whiting 2-10%
Silica 300 mesh					20		
US Silica F-95	5						
Calcined Borax	3						
Soda Ash	4	6.17	5.89		1		Clay ball clay/kaolin 10-25% bentonite 1-2%
Soda Bicarbonate		6.17	5.89	4 tsps	1		
HPM-20 bentonite	3	1.67		8 tsps	2	2	
EPK		11.66			25	10	Plasticizer macaloid 1-2%
Frit							
Dolomite					4		
Whiting					4		
Mullite					2		Filler potash feldspar 10-25% mullite 0-5% silica 30-50%
Macaloid					1		
Gerstley Borate						5	
Lithium Carbonate						10	
Calcined Kaolin						8	
Copper Carbonate			29.41	1 tsps			

Chart of colorants – John Conrad

Fired Result	Colorant	Percentage
Browns	Burnt Umber	2 to 3
Light Blue	Cobalt Oxide	0.5
Medium Blue	Cobalt Oxide	1
Dark Blue	Cobalt Oxide	1.5 to 2
Green	Chrome Oxide	1.5 to 5
Olive	Iron Oxide	8
Purple	Mang. Dioxide	2
Pink	Iron Oxide	1
Tan	Burnt Umber	2 to 3
Tan (earthy)	Yellow Ochre	4
Tan (warm)	Rutile	3
Turquoise	Copper Oxide	2.5 to 4
Dark Turquoise	Copper Oxide Red	4