Clay / Slips / Glazes, Cone Six, Old Glazes, New Glazes

Stoneware Clay, Cone 6-9

Hawthorne 50m	40.0
C & C Ball Clay	30.0
Custer Feldspar	12.0
Silica (200m)	8.0
35m Grog	10.0
plus	
Talc 2882	3.0

2750 Slip (wet, dry) V.C.

Grolleg	30.0
C & C Ball Clay	30.0
6 Tile	10.0
Nepheline Syenite	15.0
Silica (200m)	15.0
plus	
Bentonite	2.0

Slip Colors

A. Superpax	10.0
B. Copper Carbonate	8.0
C. Iron Chromate Manganese Oxide Cobalt Oxide	2.0 3.0 2.0

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2155 Bronze

Custer Feldspar	60.0
Albany/Alberta	15.0
Manganese Oxide	20.0
EPK	10.0
plus	
Bentonite	2.0

1134 MATT Black

Nepheline Syenite	20.0
EPK	20.0
Barium Carbonate	41.0
Lithium Carbonate	6.0
Silica (325m)	11.0
Bentonite	2.0
plus	
Red Iron Oxide	2.0
Manganese Oxide	2.0
Cobalt Oxide	2.0
Chrome	2.0

2443 Black / Black

Nepheline Syenite	60.0
Albany/Alberta	20.0
Red Iron Oxide	10.0
Cobalt Carbonate	5.0
Silica (325m)	5.0
plus	
Bentonite	2.0

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1631 L.W. Chged Cone 6/9

Nepheline Syenite	47.5
Barium Carbonate	47.5
Fusion 403	5.0
plus	
Copper Carbonate	9.0
Veegum CER	1.5
Bentonite	2.0

1911 Purple Matt

G200 H.P.	35.0
Fusion 403	5.0
Barium Carbonate	40.0
EPK	18.0
C & C Ball Clay	2.0
plus	
Copper Carbonate	6.0
Veegum CER	1.5
Bentonite	2.0

2715 Turquoise

Nepheline Syenite	50.0
Barium Carbonate	30.0
Fusion 493	15.0
Silica (325m)	5.0
plus	
Tin Oxide	5.0
Copper Carbonate	3.0
Bentonite	4.0

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2761 Envy Green

Nepheline Syenite	56.0
Barium	34.0
Silica (325m)	10.0
plus	
Copper Carbonate	4.0
Titanium Dioxide	6.0
Bentonite	2.0

Matt Red / Bright Red / Yellow

1879 Matt Red

Custer Feldspar	17.8
Whiting	28.6
EPK	53.6
plus	
3134	10.0
Tricalcium Phosphate	4.0
Red Iron Oxide	4.0
Bentonite	2.0

3150 Bright Red

Unispar	75.0
Whiting	15.0
Silica (325m)	5.0
C & C Ball Clay	5.0
plus	
Mason 6088	15.0
Bentonite	3.0

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2553 Matt Yellow Ash

Unispar	14.3
Whiting	28.6
EPK	57.1
plus	
Gerstley Borate	4.0
Ochre	5.0
Wood Ash	20.0
Bentonite	2.0

2183 Old Ash #1 Cone 6/9

Custer Feldspar	15.0
Ash	20.0
49er Ball Clay (or other high silica clays)	40.0
Whiting	20.0
Bentonite	5.0
plus	
A. Brown/Green Red Iron Oxide	 8.0
B. Blue/Green Cobalt Red Iron Oxide	 1.0 1.0

2758 Ash V.C.

Wood Ash	50.0
Gerstley Borate	20.0
Whiting	12.0
EPK	8.0
Silica	10.0
plus	
Bentonite	3.0

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Shinos

2622 Shino P.D.

Nepheline Syenite	47.0
Spodumene (Foote)	31.0
Superpax	4.0
A.12 (Alo203)	12.0
Soda Ash	2.0
C & C Ball Clay	4.0

1634 Shino Dry Matt

A.12 (Alo203)	58.0
Nepheline Syenite	31.5
Spodumene (low iron)	5.3
Bentonite	5.3

Other Glazes

1718 B.W. White

G22 H.P.	37.1
Whiting	10.2
Silica (325m)	24.8
C & C Ball Clay	5.7
Talc	5.7
3134	4.7
Tricalcium Phosphate	1.3
Zinc	3.2
Borax	0.6
plus	
Superpax	5.0
Tin Oxide	3.0
Bentonite	3.0

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2121 Hammer White

G200 H.P.	44.0
EPK	13.0
Silica (325m)	16.0
Whiting	20.0
3134	7.0
plus	
Superpax	2.5
Tin Oxide	5.0
Bentonite	2.0

1402 Copper Wash for 1718/2121

Copper Oxide	60.0
Zinc	28.0
Silica (325m)	9.0
Tin Oxide	3.0
Bentonite	2.0

Reeve Green Overglaze for Cone 6

Unispar	75.0
Whiting	15.0
Silica	5.0
C & C Ball Clay	5.0
plus	
Chrome Oxide	4.0
Bentonite	3.0
Lithium Carbonate	3.0

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3230 Matt White

Custer Feldspar	39.0
Dolomite	30.0
EPK	26.0
Tricalcium Phosphate	5.0
plus	
Bentonite	2.0
Superpax	5.0
Tin Oxide	5.0
3134	1.5

2800/3233 Frank W.

Nepheline Syenite	26.2
Albany/Alberta	15.9
C & C Ball Clay	25.0
Whiting	10.2
Talc	5.7
Dolomite	10.2
Tricalcium Phosphate	6.0
plus	
Tin Oxide	5.0
Titanium Dioxide	6.0
Bentonite	2.0

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Score No More

Your clay body, dry	100. pts
+	
Gum Arabic	2.
Bentonite	2.
Custer	2.

Dry mix/add hot h20, defl. With Darvan, flocculate With Epsom salts.

Firing Cone Six (6) in Reduction

These clays and glazes are fired to large cone six (6) touching about 1205 c. Reduction at cone 010,950 c. Reduction until cone six (6) is down, about 11 hours.

Pottery Tool Information

Mecca Pottery Tools
7270 Country Rd.63
Florence, Al. 35634

shurst@getaway.net

Books

- *Dry Glazes* by Jeremy Jernegan
  Ceramics Handbooks
- *Glazes and Glazing*
  Ceramic Arts Handbook Series
- *Staying Alive* by Robin Hopper
- *Firing in Oxidation to c/4, 5, 6* by Val Cushing
  Studio Potter Vol.5 Number 2
  http://www.studiopotter.org/articles/art0009.htm
- *Glaze Forward, Cone 6 Reduction Glazes* by Diana Pancioli
  Eastern Michigan University
  http://www.dianapancioli.com/downloads/GlazeForward.pdf
- *Mid-Range Reduction Glazes* by John Britt
  Ceramics Monthly

There is a lot of information on the web.

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