

- ~ Cone 6 Oxidation Base Recipe
- ~ Clear #1
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- ~ Black
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- ~ Cream Rust
- ~ Rutile Green
- ~ Oribe Green
- ~ Glossy Teal Blue
- ~ Amber
- ~ Opaque- Gloss White
- ~ Variegated Base
- ~ Variegated Blue
- ~ Variegated Green

- Sieve batch twice through 80 mesh
- 10,000 gms. dry = 4 1/2 gallons wet glaze
- All recipes use 325 mesh silica (flint)

**Cone 6 Oxidation Base Recipe**

Custer Feldspar	20%
Ferro Frit #3134	20
Wollastonite	20
Silica	20
EPK	<u>20</u>
	100 %

*For colorant proportions refer to Daniel Rhodes' Clay and Glazes for the Potter; oxidation colorants chart.*

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**Clear #1 • cone 6 oxidation**

G-200 Spar	20.0%
Ferro Frit #3134	20.0
EPK	20.0
Silica	19.0
Wollastonite	15.0
Talc	<u>6.0</u>
	100 %

- Apply thinly
  - Glossy, transparent glaze
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**Clear #2 • cone 6 oxidation**

Custer Feldspar	40.0
Borate (Laguna)	18.0
Whiting	16.0
Silica (325 mesh)	16.0
EPK	<u>10.0</u>
	100 %

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**Black • cone 6 oxidation**

Custer Feldspar	22.0%
Whiting	4.0
Talc	5.0
EPK	17.0
Silica	26.0
Ferro Frit #3134	<u>26.0</u>
	100.0%

Cobalt Carbonate	1.0%
Red Iron Oxide	9.0
Bentonite	2.0

- Glossy, opaque glaze

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**Richard's Nutmeg • cone 6 oxidation**

Dolomite	23.3%
Spodumene (Australian)	23.3
OM #4 Ball Clay	23.3
Silica	23.3
Ferro Frit #3134	<u>6.8</u>
	100 %

Red Iron Oxide	1.07 %
Yellow Ochre	3.24
Tin Oxide	4.85
Bentonite	1.90

- A brown/red, opaque, semi-matte glaze

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**van Gilder's Crocus Martis Red • cone 6 oxidation**

NC Soda Feldspar	46.7 %
Talc	16.9
Bone Ash	15.0
Silica	11.4
EPK	4.0
Lithium Carbonate	4.0
Bentonite	<u>2.0</u>
	100 %
Crocus Martis or Red Iron Oxide	11.5 %
<b>OR</b>	
Crocus Martis	8.5 %
Red Iron Oxide	3.0 %

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- A red to maroon, semi-gloss glaze. Breaks black where thin or over textured surfaces and edges. Use medium thickness. Thin application = brown, rather than red. Likes a 'hot' cone 6 firing temp.

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**Cream Rust • cone 6 oxidation**

Custer Feldspar	26.6 %
Strontium Carbonate	3.3
Ferro Frit #3134	30.6
Wollastonite	10.6
Talc	2.3
EPK	8.4
Silica	<u>18.2</u>
	100 %
Red Iron Oxide	6.00 %
Tin Oxide	13.00

- Thick application = cream color glaze
  - Thin application = cream color breaking rust-red on edges and textures
  - Glossy
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**Rutile Green • cone 6 oxidation**

Talc	5.0 %
Custer Feldspar	22.0
Whiting	4.0
Silica	26.0
Tile #6 or EPK	17.0
Ferro Frit #3134	<u>26.0</u>
	100 %
Bentonite	2.0%
Rutile (powdered)	6.0
Copper Carbonate	4.0

- Great as a thin over-dip on all cone 6 glazes
  - Glossy
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**Oribe Green – Modified @ 2/25/11**

• *cone 6 to 12 oxidation or reduction*

Custer Feldspar	32.0%
Whiting	24.0
Silica	24.0
Tile #6 or EPK	12.0
Zinc Oxide	8.0
<u>Gerstley Borate</u>	<u>5.0</u>

Copper Carbonate 4.0%

- Best on light-toned or white clays
  - Glossy
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**Glossy Teal Blue • cone 6 oxidation**

Custer Feldspar	20%
Ferro Frit #3124	20
Wollastonite	20
Silica	20
EPK	<u>20</u>
	100 %
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Cobalt Carbonate	1.0%
Chrome Oxide	0.5

**Amber • cone 6 to 12 oxidation or reduction**

Custer Feldspar	30.3 %
Whiting	25.6
EPK	7.6
Silica	36.5
Red iron oxide	11.7

- Glossy
  - Root beer color on brown clays
  - Yellow/gold on white clays
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**Opaque - Gloss White • cone 6 oxidation**

Custer Feldspar	25.0
Gerstley Borate – Gellespie	33.0
Dolomite	5.0
Talc	3.0
EPK	13.0
Silica (325 mesh)	21.0
Add:	
Zircopax	<u>15.0</u>
	100 %
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**Opaque - Satin White • cone 6 oxidation**

Custer Feldspar	62.0 %
Whiting	14.0
Talc	8.0
EPK	10.0
Zinc Oxide	<u>6.0</u>
	100 %

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**Variegated Base • cone 6 oxidation**

(from *Mastering Cone 6 Glazes*)

Wollastonite	29.0
Nepheline Syenite	4.0
Ferro Frit #3195	20.0
EPK	30.0
Silica	<u>17.0</u>
	100.0%

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**Variegated Blue - add to Variegated Base above**

Rutile	6.0%
Copper Carbonate	3.0
Cobalt Carbonate	1.5

- Semi-matte, opaque glaze

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**Variegated Green - add to Variegated Base above**

Rutile 6.0%

Copper Carbonate 3.0

- Semi-matte, opaque glaze

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