



**Baltimore
Clayworks**
Exhibitions & Events

Shino Odyssey Glaze Recipe Cards

Simon Levin's Creamy Shino Recipe

Submitted by June Ambro

Ingredients:

- | | |
|---------------------|--------|
| • Nepheline Syenite | 4500 g |
| • Custer Feldspar | 1840 g |
| • Sagger Ball Clay | 1640 g |
| • Spodumene | 1520 g |
| • Soda Ash | 400 g |



June Ambro

Malcolm Davis' Shino Recipe

District Clay Center recipe, cited with permission from DCC management
Submitted by Alexandra Bellay

Ingredients:

- | | |
|---------------------|--------|
| • Nepheline Syenite | 4500 g |
| • Soda Ash | 1900 g |
| • OM-4 Ball Clay | 500 g |
| • Minspar | 1100 g |
| • GA Kaolin | 1000 g |
| • SG | 138 |



Alexandra Bellay

Penn State Shino Recipe

John Britt, The Complete Guide to High-Fire Glazes.
Submitted by Ben Burris.

Ingredients:

- | | |
|---------------------|---------|
| • F-4 Soda Feldspar | 3,400 g |
| • Spodumene | 2,900 g |
| • Nepheline Syenite | 1,460 g |
| • EPK Kaolin | 970 g |
| • OM-4 Ball Clay | 490 g |
| • Soda Ash | 780 g |



Ben Burris

Shaner Shino Slip Recipe

Submitted by Dodie Campbell.

Ingredients:

- | | |
|---------------------|------|
| • Nepheline Syenite | 3600 |
| • Spodumene | 1300 |
| • Soda Ash | 300 |
| • EPK | 2800 |
| • OM-4 Ball Clay | 1200 |
| • Kona F4 Soda Spar | 800 |



Dodie Campbell

Malcolm Davis' Shino Recipe

Please note throughout time, recipes can be altered and revised.
Submitted by Connie Christensen.

Ingredients:

• Nepheline Syenite	409
• Soda Ash	173
• OM-4 Ball Clay	138
• Minspar	98
• EPK	182
• SG	138
	1,000
• Red Art	60



Connie Christensen

Denver Rock Shino Recipe

Submitted by Lewis Denver.

Ingredients:

• Minspar	20
• Spodumene	20
• NC Ray Mine Feldspar	20
• Kings Mountain Lithium Feldspar	20
• Old Hickory #5	15
• Soda Ash	2.5
• Salt	2.5



Lewis Denver

John Fullwoods' Shino Recipe

This recipe is based on a recipe from John Fullwood and was used at his studio, Kissimmee River Pottery. Submitted by Edward Dyke.

Ingredients:

- Soda Ash 1670 g
- Minspar 200 830 g
- Nephylene Syenite 4170 g
- OM-4 Ball Clay 1260 g
- Red Art 400 g
- EPK 1670 g



Edward Dyke

Gustin's Shino Recipe

This recipe is from John Britt's High Fire Glazes Book. Submitted by Edward Dyke.

Ingredients:

- Nephylene Syenite 4500 g
- Spudomene 1520 g
- OM-4 Ball Clay 1500 g
- Minspar 200 1080 g
- EPK 1000 g
- Soda Ash 400 g



Edward Dyke

Yuri Gershtein's Shino Recipe

Submitted by Yuri Gershtein.

Ingredients:

• Nephylene Syenite	3760
• Minspar 200	890
• Spodumene	1290
• EPK	1680
• Ball Clay	1290
• Soda Ash	400
• Calcined Kaolin	690



Yuri Gershtein

Malcolm Davis' Shino Recipe (no red art)

Please note throughout time, recipes can be altered and revised.
Submitted by Candice Hensley.

Ingredients:

• Nephylene Syenite	40.9 g
• Minspar	9.8 g
• EPK	18.2 g
• OM-4 Ball Clay	13.8 g
• Soda Ash	17.3 g



Candice Hensley

Dissolve soda ash in hot water before
mixing into glaze

Malcolm Davis' Carbon Trap Shino Recipe

This recipe is a variation of a Malcolm Davis glaze.
Submitted by Joe Hicks.

Ingredients:

- | | |
|---------------------|----|
| • Nephylene Syenite | 45 |
| • Soda Spar | 11 |
| • Soda Ash | 19 |
| • Kaolin | 20 |
| • Ball | 5 |



Joe Hicks

Erica Hood's Shino Glaze Recipe

Submitted by Erica Hood.

Ingredients:

- | | |
|---------------------------------|----------|
| • Minspar 200 (F4 Feldspar sub) | 1700 g |
| • Georgia Kaolin | 300 g |
| • Nephylene Syenite | 5600 g |
| • OM-4 Ball Clay | 500 g |
| • Soda Ash | 300 g |
| • Spodumene | 1500 g |
| • Bentonite | 200 g |
| • Water | 8,840 ml |



Erica Hood

PD Crackle Shino Recipe

Submitted by Matthew Hyleck.

Ingredients:

- | | |
|------------------------|------|
| • Nephylene Syenite | 3704 |
| • EPK / Georgia Kaolin | 2593 |
| • Spodumene (Lithium) | 1126 |
| • OM-4 Ball Clay | 1111 |
| • Custer Feldspar | 800 |
| • Magnesium carbonate | 370 |
| • Soda Ash | 296 |
| • Red Art | 200 |



Matthew Hyleck

Malcolm Davis' Shino Recipe

Please note throughout time, recipes can be altered and revised.
Submitted by Janelle Jacobson.

Ingredients:

- | | |
|---------------------|--------|
| • Soda Ash | 1727 g |
| • Kona F-4 | 982 g |
| • Nephylene Syenite | 4091 g |
| • EPK | 1818 g |
| • KOM#4 | 1382 g |



Janelle Jacobson

R Johnston's Standard Shino Recipe

Submitted by Jan McKeachie Johnston.

Ingredients:

• Nephylene Syenite	46.24%
• Potash Feldspar	15.56%
• Amblygonite	12.50%
• OM-4 Kentucky Ball Clay	10.27%
• EPK	15.42%
• Soda Ash	3.06%
• Kent White Glaze Clay	2.05%



Jan McKeachie Johnston

R Johnston's Dry Shino Recipe

Submitted by Randy Johnston.

Ingredients:

• Nephylene Syenite	38.83%
• Spodumene	29.13%
• EPK	29.13%
• Soda Ash	2.91%



Randy Johnston

Malcom Davis' Shino Recipe

Please note throughout time, recipes can be altered and revised.
Submitted by Mayumi Kiefer.

Ingredients:

• Nepheline Syenite	45.08
• Soda Feldspar	10.88
• Ball Clay	15.20
• EPK	10.00
• Soda Ash	19.00
• Red Art	6.00



Mayumi Kiefer

Malcom Davis' Shino Recipe

Please note throughout time, recipes can be altered and revised.
Submitted by Jill Fishon-Kovachick.

Ingredients:

• Nepheline Syenite	4090
• EPK 1800	1800
• Soda Ash	1730
• Ball Clay	1380
• Minspar 200	1000
• Red Art	550



Jill Fishon-Kovachick

Penn State Shino Recipe

From John Britt's Complete Guide to High Fire Glazes
Submitted by Ester Kwon.

Ingredients:

- | | |
|---------------------|--------|
| • Minspar 200 | 3400 g |
| • Spodumene | 2900 g |
| • Nepheline Syenite | 1460 g |
| • EPK/Tile 6 | 970 g |
| • Soda Ash | 780 g |
| • OM-4 Ball Clay | 490 g |



Ester Kwon

Zach Tate's Shino Recipe

Submitted by Dick Lehman.

Ingredients:

- | | |
|---------------------|------|
| • Nepheline Syenite | 1460 |
| • Soda Spar | 3400 |
| • Spodumene | 2900 |
| • EPK | 970 |
| • OM-4 Ball Clay | 490 |
| • Soda Ash | 780 |
| • Add: Rutile | 800 |



Dick Lehman

Peach Shino Recipe

This recipe was shared by Monte Young in the March 2020 issue of Ceramics Monthly. Submitted by Joseph Lyon.

Ingredients:

- | | |
|---------------------|---------|
| • Nepheline Syenite | 3,900 g |
| • Spodumene | 3,000 g |
| • OM-4 Ball Clay | 1700 g |
| • Soda Ash | 1000 g |
| • EPK | 400 g |



Joseph Lyon

Stormy Sunrise Shino Recipe

Submitted by Keegan Madigan.

Ingredients (base):

- | | |
|---------------------|----------|
| • Nepheline Syenite | 80 parts |
| • Tile 6 | 16 parts |
| • Laterite Red Clay | 4 parts |

Ingredients (carbon trapper):

- | | |
|------------|---------|
| • Soda Ash | 8 parts |
|------------|---------|



Keegan Madigan

Malcolm Davis' Shino Recipe

Please note throughout time, recipes can be altered and revised.
Clay Art Center variation. Submitted by Anna Maraj.

Ingredients:

• Nepheline Syenite	55.3%
• OM-4 Ball Clay	17.7%
• Minspar	14.1%
• EPK	12.9%
	100.0%
• Soda Ash	9.0%
• Red Art	7.0%



Anna Maraj

Luster Shino Recipe

Clay Art Center variation. Submitted by Anna Maraj.

Ingredients:

• Nepheline Syenite	55.8%
• EPK	26.3%
• Silica	10.5%
• Whiting	2.2%
• Lithium Carbonate	5.2%
	100.0%
• Zircopax	8.0%
• Soda Ash	5.3%



Anna Maraj

Meyer's Shino Recipe

Submitted by Sam McCall.

Ingredients:

- | | |
|---------------------|---------|
| • Nepheline Syenite | 5,300 g |
| • EPK | 2,500 g |
| • Silica | 1,000 g |
| • Soda Ash | 500g |
| • Lithium Carbonate | 500 g |
| • Whiting | 200 g |
| • Zircopax | 1,000 g |



Sam McCall

Dresang Shino Recipe

Arvada Center for the Arts and Humanities, Arvada, CO
Submitted by Heidi Meissner.

Ingredients:

- | | |
|---------------------|--------|
| • Minspar 200 | 3440 g |
| • Spodumene | 2940 g |
| • Nepheline Syenite | 1470 g |
| • EPK | 980 g |
| • Soda Ash | 780 g |
| • OM-4 Ball Clay | 390 g |



Heidi Meissner

Gustin's Shino Recipe

Submitted by Dan Molyneux.

Ingredients:

- | | |
|-----------------------------|------|
| • Soda Ash | 340 |
| • Spodumene | 1260 |
| • Kona F-4 Feldspar | 1410 |
| • Nepheline Syenite | 5040 |
| • Edgar Plastic Kaolin | 290 |
| • Kentucky Ball Clay (OM 4) | 1660 |



Dan Molyneux

Penn State Shino Recipe

Submitted by Kimberly Morey.

Ingredients:

- | | |
|-----------------------|--------|
| • F-4 Felspar/Minspar | 3400 g |
| • Spodumene | 2900 g |
| • Nepheline Syenite | 1460 g |
| • Kaolin | 970 g |
| • Soda Ash | 780 g |
| • Ball Clay | 490 g |



Kimberly Morey

Malcolm Davis' Shino (PSU) Recipe

Please note throughout time, recipes can be altered and revised.
Submitted by Lucas Pacuraru.

Ingredients:

- | | |
|---------------------|---------|
| • Nepheline Syenite | 4,300 g |
| • EPK (Kaolin) | 1,000 g |
| • Soda Ash | 1,800 g |
| • OM4 (Ball Clay) | 1,500 g |
| • Minspar | 1,200 g |
| • Bentonite | 200 g |
| • Red Art Clay | 600 g |



Lucas Pacuraru

80/20 Split Shino Recipe

Adjusted from Cardew's Shino. Submitted by Alan Perillo.

Ingredients:

- | | |
|---------------------|--------|
| • Nepheline Syenite | 4000 g |
| • Feldspar | 4000 g |
| • Ball Clay | 1000 g |
| • Kaolin | 1000 g |



Alan Perillo

Michael's Orange Shino Recipe

Submitted by Olivier Peter-Contesse.

Ingredients:

- | | |
|---------------------|------|
| • Nepheline Syenite | 40 |
| • Soda feldspar | 13 |
| • Spodumene | 12.5 |
| • OM4 ball clay | 15 |
| • EPK | 8 |
| • Soda ash | 12 |
| • Red Art | 3 |



Olivier Peter-Contesse

Gold Shino Recipe

Submitted by Roni Polisar.

Ingredients:

- | | |
|---------------------|-----|
| • Nepheline Syenite | 400 |
| • F-4 Spar | 100 |
| • Spodumene | 130 |
| • Soda Ash | 70 |
| • Red Art | 70 |
| • OM 4 | 130 |
| • EPK | 100 |



Roni Polisar

Carlos Prado's Shino Recipe

Variant of High-Soda Cone 6 Shino. Submitted by Carlos Prado.

Ingredients:

- | | |
|---------------------|---------|
| • Nepheline Syenite | 4,650 g |
| • OM4 Ball Clay | 2,330 g |
| • Spodumene | 1,160 g |
| • Soda Ash | 1,160 g |
| • Red Art | 580 g |
| • Bentonite | 120 g |



Carlos Prado

Gustin Shino Recipe

Submitted by John Reinking.

Ingredients:

- | | |
|---------------------|------|
| • Nepheline Syenite | 4500 |
| • F4 | 1080 |
| • Spodumene | 1520 |
| • OM4 Ball Clay | 1500 |
| • EPK | 1000 |
| • Soda Ash | 400 |



John Reinking

Clark's Shino Recipe

Malcolm Davis recipe with substitutions. Submitted by Rebecca Savuto.

Ingredients:

- | | |
|---------------------|----|
| • Nepheline Syenite | 45 |
| • Soda Ash | 19 |
| • OM4 Ball Clay | 15 |
| • Minspar | 11 |
| • Tile 6 | 10 |



Rebecca Savuto

Dave's Shino Recipe

Submitted by Amy Schnitzer.

Ingredients:

- | | |
|--------------------------|---------|
| • Nepheline Syenite | 4,663.2 |
| • Spodemene | 1,554.4 |
| • Minspar 200 | 1,554.4 |
| • Kentucky OM4 Ball Clay | 1,243.5 |
| • EPK | 621.8 |
| • Red Art | 310.9 |
| • Soda Ash | 51.8 |



Amy Schnitzer

Ellen Schön's Shino Recipe

Submitted by Ellen Schön.

Ingredients:

• Nepheline Syenite	50.5
• OM-4	16.2
• Minspar	14.7
• Spodumene	12.6
• Soda Ash	3.4
• EPK	2.9
	100.1



Ellen Schön

Michael Simmons' 2025 Shino Recipe

Submitted by Michael Simmons.

Ingredients:

• Mahavir Potash Feldspar	54%
• Tennessee Ball Clay	14%
• Tile #6 Kaolin	7%
• EPK	7%
• Nepheline Syenite	6%
• Soda Ash	5%
• Silica	4%
• Spodumene	3%



Michael Simmons

Traditional Shino Recipe

This idea was presented at NCECA 2025, Salt Lake City. Glaze recipe by Jeff Gomez. Submitted by Kiichi Takeuchi.

Ingredients:

- | | |
|--------------------|-------|
| • Soda Feldspar | 6000 |
| • Neph Sy | 2500 |
| • OM-4 Ball Clay | 1200 |
| • Soda Ash | 300 |
| • Red Iron Oxide | Pinch |
| • Specific Gravity | ~150 |



Kiichi Takeuchi

Malcolm Davis' Carbon-Trap Shino Recipe

Submitted by Sharon Warrington.

Ingredients:

- | | |
|---------------------|--------|
| • Nepheline Syenite | 4090 g |
| • Soda Ash | 1730 g |
| • OM4 Ball Clay | 1380 g |
| • Soda Feldspar | 980 g |
| • EPK Kaolin | 1820 g |
| • Red Art Clay | 6% |
| • Specific Gravity | 125 |



Sharon Warrington

Frank Edge's Shino Recipe

Originated with Frank Edge, an Irish potter.
Submitted by Regina Wickham.

Ingredients:

- | | |
|---------------------|-------|
| • Nepheline Syenite | 4500 |
| • Minspar 200 | 1080 |
| • Ball Clay | 1520 |
| • EPK | 2000 |
| • Soda Ash | 1900 |
| • Red Art | 220 |
| • Veegum | 2 TBS |



Regina Wickham

Malcolm Davis' Shino Recipe

Please note throughout time, recipes can be altered and revised. Credit to BYU-Idaho. Submitted by Cheston Youngberg.

Ingredients:

- | | |
|---------------------|---------|
| • Nepheline Syenite | 4,090 g |
| • EPK | 1,820 g |
| • Soda Ash | 1,730 g |
| • Ball Clay | 1,380 g |
| • Kona F-4 Feldspar | 980 g |



Cheston Youngberg