

Glassy Eyed- Δ 6

Lab 5b-Color Wheel 2



Ceramic
Materials
Workshop

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Glassy Eyed

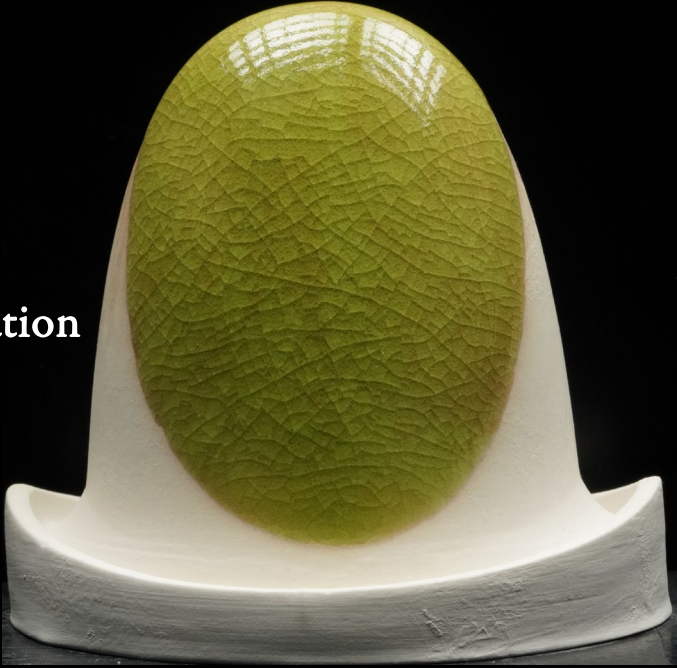
Original

070422-1

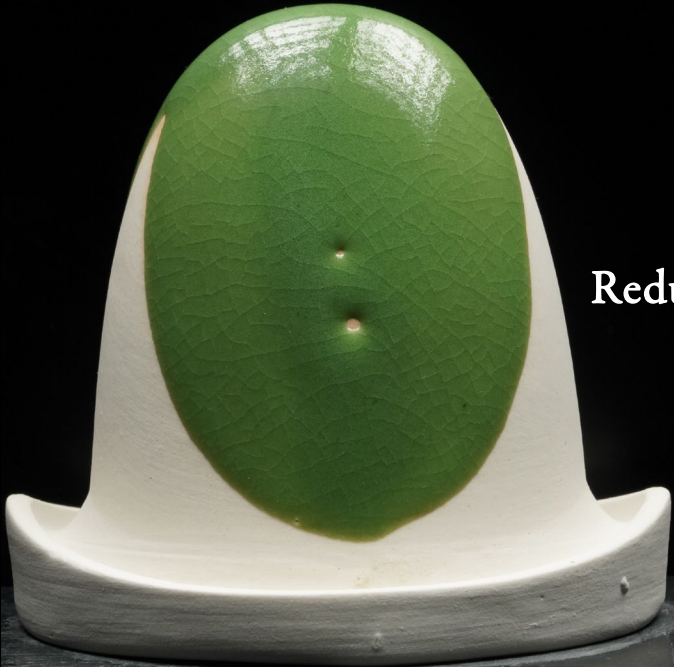
G200 EU	25.52
Strontium Carb	20.75
EPK	19.81
Flint	26.41
3134	15.28
Chrome Oxide	0.33
Water	60



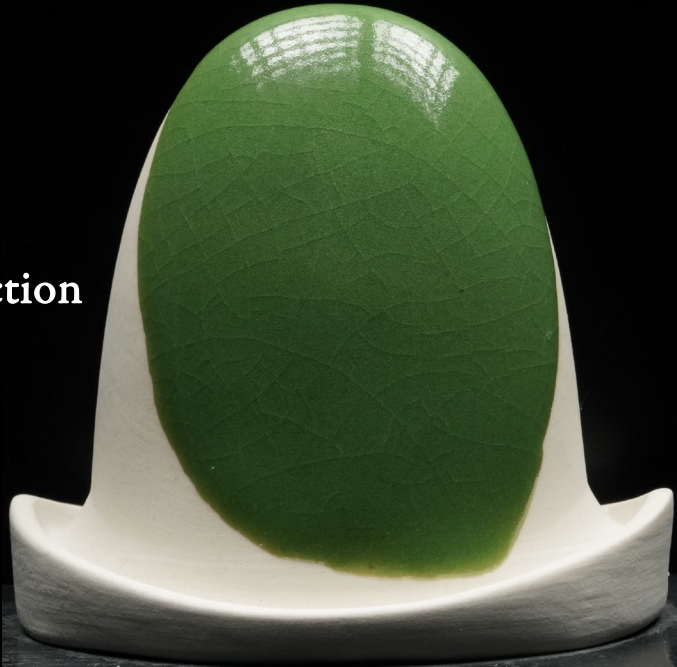
1-3 Second Dip



2-3 Second Dips



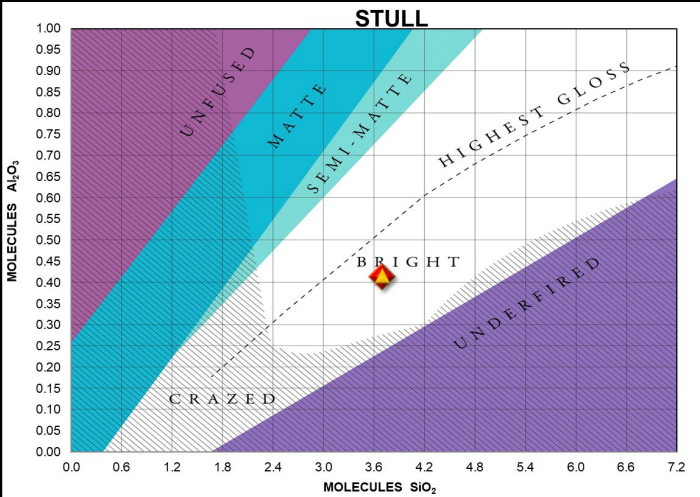
Reduction



Oxidation

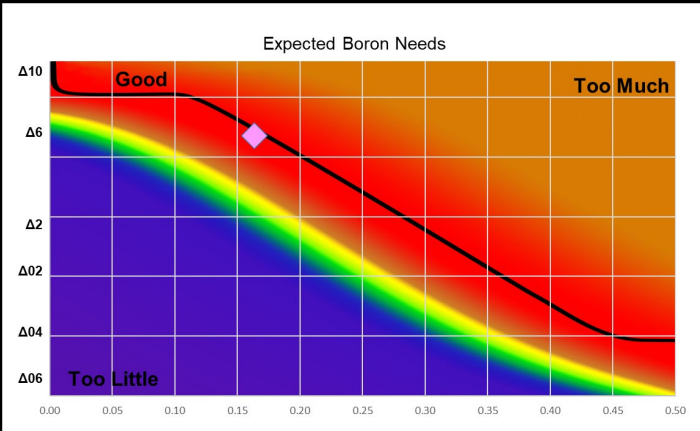
UMF

SiO ₂ :Al ₂ O ₃ Ratio 8.87 : 1		Alkali Metals 0.24		Alkaline Earths 0.76	
SiO ₂ 3.70	Collective "Al ₂ O ₃ " 0.42	Na ₂ O 0.13	K ₂ O 0.11	MgO 0.00	CaO 0.23
B ₂ O ₃ 0.16	Al ₂ O ₃ 0.41	Li ₂ O	CuO	SrO 0.52	BaO
TiO ₂ 0.00	NiO	Bi ₂ O ₃	SnO ₂	ZnO	FeO 0.01
Cr ₂ O ₃	ZrO ₂	P ₂ O ₅		MnO ₂	CoO



EUMF

SiO ₂ :Al ₂ O ₃ Ratio 8.87 : 1		Alkali Metals 0.24		Alkaline Earths 0.76	
SiO ₂ 3.70	Collective "Al ₂ O ₃ " 0.42	Na ₂ O 0.13	K ₂ O 0.11	MgO 0.00	CaO 0.23
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Cr ₂ O ₃ 0.01	ZrO ₂	P ₂ O ₅		MnO ₂	CoO



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1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips

Oxidation

Chrome Oxide 1%

Copper Carbonate 3%

Red Iron Oxide 6%

Manganese Dioxide 3%

Reduction

Oxidation

Nickel Carbonate 2.5%

Titanium Dioxide 6%

Tin Oxide 5%

Zirconium Silicate 10%

Reduction



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Cobalt Carbonate 1%

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Oxidation

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Copper Carbonate 3%

Red Iron Oxide 6%

Manganese Dioxide 3%



Reduction



Oxidation

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Reduction



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1-3 Second Dip

2-3 Second Dips

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Oxidation

1-3 Second Dip

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1-3 Second Dip

2-3 Second Dips

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Reduction

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Oxidation

Reduction



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1-3 Second Dip

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Oxidation

1-3 Second Dip

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Manganese Dioxide 3%

Reduction

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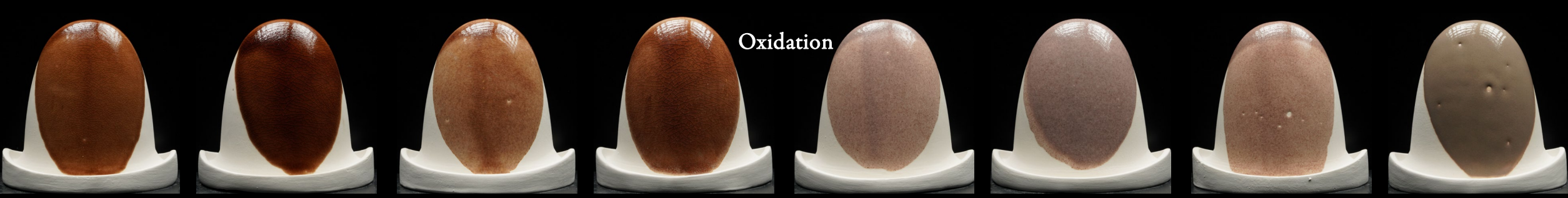
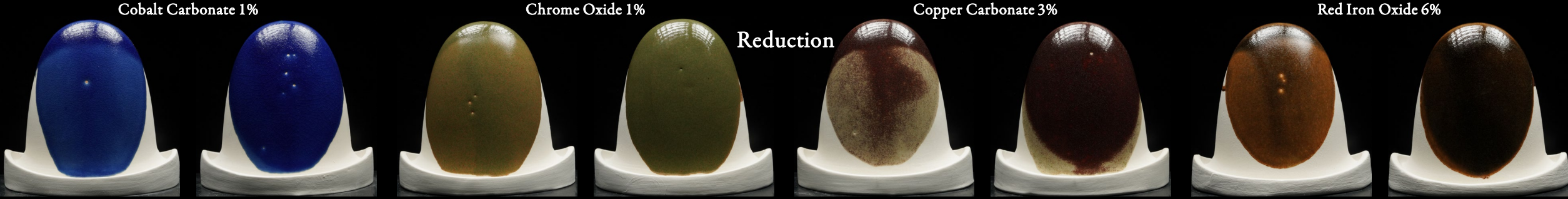
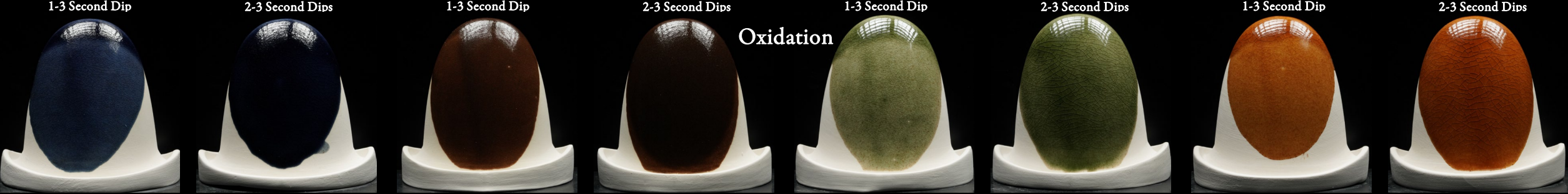
Reduction



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Red Iron Oxide 6%

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Manganese Dioxide 3%

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1-3 Second Dip

2-3 Second Dips

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Reduction



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Nickel Carbonate 2.5%

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1-3 Second Dip

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1-3 Second Dip

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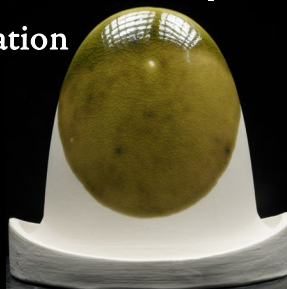
1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips

Oxidation



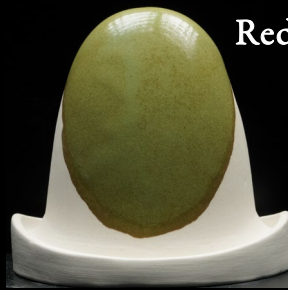
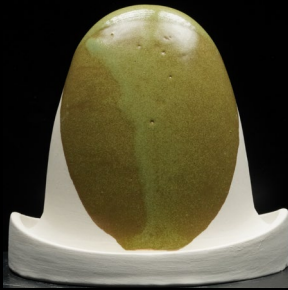
Cobalt Carbonate 1%

Chrome Oxide 1%

Copper Carbonate 3%

Red Iron Oxide 6%

Reduction



Oxidation



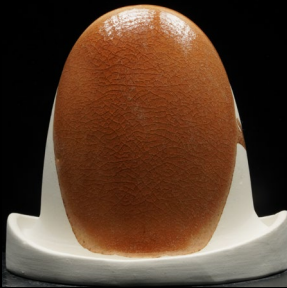
Manganese Dioxide 3%

Nickel Carbonate 2.5%

Tin Oxide 5%

Zirconium Silicate 10%

Reduction



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Titanium Dioxide 6%

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1-3 Second Dip

2-3 Second Dips

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2-3 Second Dips

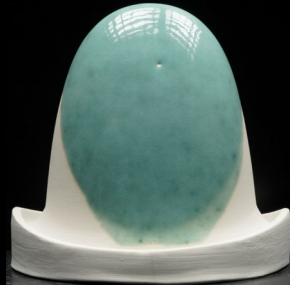
1-3 Second Dip

2-3 Second Dips

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2-3 Second Dips

Oxidation



Cobalt Carbonate 1%

Chrome Oxide 1%

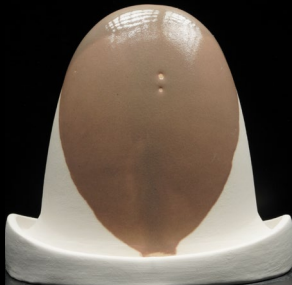
Copper Carbonate 3%

Red Iron Oxide 6%

Reduction



Oxidation



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Titanium Dioxide 6%

Zirconium Silicate 10%

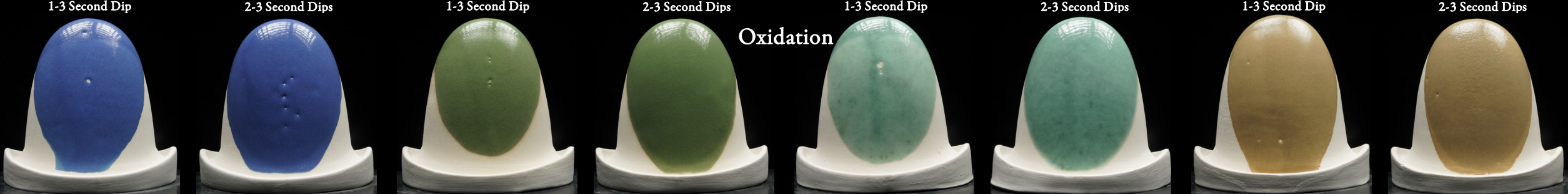
Reduction



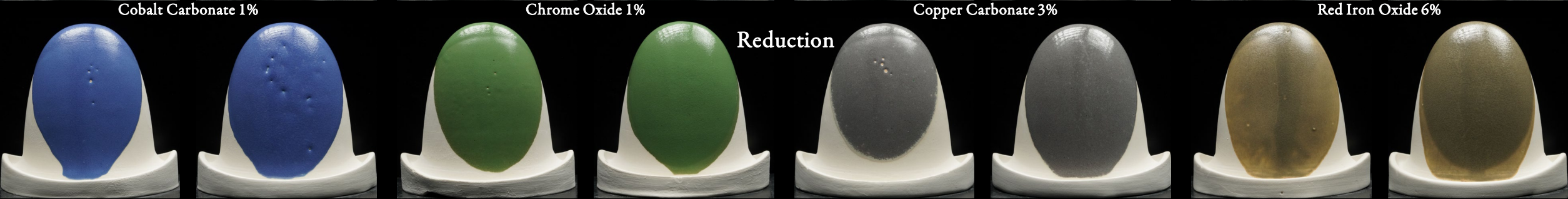
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Tin Oxide 5%

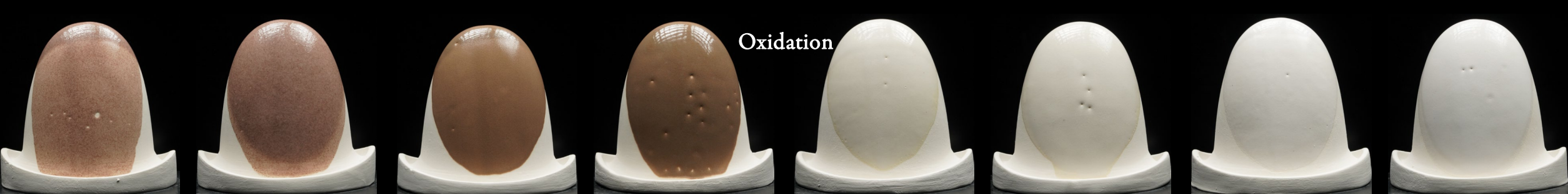
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Oxidation



Reduction



Oxidation



Reduction