

## Glazes for Animal Sculpture - Cone 5 Oxidation

### Laguna Glazes- Moroccan Sand Series Cone 5-6 (overall animal color)

Red Satin MS-98	Snow Flake MS-26	Lemon Yellow MS-13
Amethyst MS-43	Dark Turquoise MS-23	Speckled Moss MS-42
Agate MS-46	Sage MS-35	Fern Mist MS-38
Redwood Matte MS-12	Bamboo Ash MS-33	Sandy Matte MS-9
Tobacco MS-10	Ochre MS-15	Walnut Spice MS-60

### Amaco Velvet Underglazes Cone 05-10 (Used as a base to tint and shade overall colors, for eyes, mouths, and additions)

Chocolate Brown V-314	Jet Black V-361	White V-360
Straw V-304	Red V-382	Light Green V-345
Teal Blue V-332	Teddy Bear Brown V-366	Turquoise Blue V-327
Avocado V-333	Chartreuse V-343	Antique Ivory V-368

### Amaco Satin Series Cone 5-6 (Satin matte clear for toes, teeth, tusks, and colors for fabrics, clothing, blankets, additions)

Satin Matte Clear SM-10	Yellow SM-63	Black SM-1
Teal SM-27	Blue Green SM-29	Mint SM-42
White SM-11		

### Amaco Celedon Series Cone 5-6 (Eyes and Mouths- Shiny)

Mixing Clear C-11

### Amaco Velvet Underglaze Mixes

**Dark Gray Brown:** Black + White + Chocolate Brown

**Medium Gray:** Black + White + Avocado + Teddy Bear Brown + Turquoise

**Neutral Gray:** Black + White

**Gum Pink:** Red + White + Chocolate or Teddy Bear Brown (small amount)

## Ariel's Laguna Glaze Mixes

\*(AB) Indicates a new glaze created by Ariel by mixing Laguna glazes together or adding stains to them.

### Equal Part Ratio Mixes

These recipes are designed to be mixed in equal ratio by liquid volume. This means using measuring cups and mixing glazes 1:1 or 2:1, etc. For example, to make Desert Sand (1:1 ratio snowflake: sandy) mix ¼ cup sandy with ¼ cup snowflake. Use any measuring cup size you like, just make sure its equal!

#### **Golden Brown (AB) – warm toasted brown, flat color, softens textures**

2 Lemon Yellow : 1 Tobacco

#### **Mocha (AB) – rich burnt sienna, variegated, breaks on textures**

1 Ochre : 1 Tobacco

#### **Okapi (AB) – warm black brown, breaks on textures**

1 Golden Brown (AB) : 1 Sting Ray (AB)

#### **Desert Sand (AB) – soft light tan with purple-gray hues, softens textures**

1 Sandy Matte : 1 Snowflake

#### **Buckskin (AB) – warm tawny gold, variegated, breaks on textures**

1 Ochre : 1 Sandy Matte

### Mason Stain Mixes

These recipes use a percentage of mason stain added to the liquid volume of a glaze. A digital gram scale is needed for weighing out liquid glazes. Generally ¼ teaspoon of mason stain equals 1% or 1 gram.

**Sting Ray (AB)** Sage (200g wet) + 5% Mason Stain Best Black 6600

**Shark Skin (AB)** Snowflake (200g wet) + 3% Mason Stain Best Black 6600 (Use less stain for a lighter gray color if desired)

**Yellowstone (AB)** Lemon Yellow (200g Wet) + 10-12% Rutile Stain

**Dove Gray (AB)** Snowflake (200g wet) +10% Pearl Gray

**Note:** Snowflake is a great base glaze for adding any stain, test it first!

## Ariel's Laguna Glaze Layers

These colors are made using one coat of each glaze in order, the individual colors blend together in the kiln when applied in layers. For example, to get Light Gray Brown apply one coat of Bamboo Ash and one coat of Sandy Matte. It usually takes two coats of the Laguna glazes on their own to achieve the right surface, so when layering only use one coat of each glaze. Underglazes and stains can also be used to enhance and add depth to these glaze layers. This is a great thing to do to hide clay color peeking through when glaze breaks on texture as well.

**Warm Brown (bears, dogs)** Sandy + Fern Mist

**Dark Blue Gray (whales, cattle, cats)** Sting Ray (AB) + Dark Turquoise

**Textured Green Gray (rhinos, pachyderms)** Medium gray underglaze mix + Dark Blue Sand Dry Stain wash + Sage + Agate

**Textured Blue Gray (elephants)** Gray brown underglaze mix + Agate + Dove Gray or + Elephant Hide

**Light Gray Brown (wolves, hyenas)** Bamboo Ash + Sandy Matte

**Speckled Black (sea creatures, cats, horses)** Dark Turquoise + Sting Ray (AB)

**Bright Turquoise (fish, birds, reptiles)** Fern Mist + Snowflake

**Warm Tortoise Shell Brown (cats, dogs, deer, reptiles)** Bamboo Ash + Agate

**Mottled Tawny Brown (cats, dogs, antelope)** Bamboo Ash + Fern Mist

### Notes on Application:

- I always brush my glazes on in 1-2 good coats depending on glaze consistency. This works best if you are layering glazes, using multiple colors and painting animal markings.
- Some of the laguna glazes come thicker in the jar and I don't add much water so I can use just one heavy coat, or 2 coats if I am using 2 glazes and layering them. If you thin them out more with water you should do 2-3 coats to get the best results.
- Sometimes the laguna glazes can have low brushability. I dip my brush in water then the glaze if I need them to flow better across the surface or fill in deep textures.

## Adrian Arelo's Sand Dry Stains Cone 06-10

### Base Recipe

Gerstley Borate	50
Nepheline Syenite	15
Alumina Hydrate	35
Total	100g

### For different colors add colorant combinations listed below

**Dark Green:** 10% Copper Carb, 5% Iron Chromate

**Light Brown:** 7.5% Iron Chromate

**Turquoise:** 3% Copper Carb

**Chestnut Brown:** 10% Red Iron Oxide, 5% Manganese

**Dark Blue:** 2% Copper Carb, 2% Cobalt Carb, 1% Iron Chromate

**Notes:** I like Chestnut Brown best; it is very dark brown/black in color and great at accentuating textures with high contrast. All these stains are very dry in appearance and pool into texture. They are best when brushed on and sponged off the high points of the surface. I also like Dark Blue, especially for layering with the Laguna Glazes. *Make sure to apply them in a thin layer or sponge them off. If they are too thick, they can really affect the color of glazes or underglazes on top.*

**Warning:** These stains do not work well with the Amaco Satin Matte cone 5-6 glazes; it causes them to peel away in places. Also, most of these stains contain harmful chemicals such as manganese that should not be absorbed by the skin, wear gloves when sponging and applying.

### **Cone 5 Slow Cool Glaze Program (2 days firing time)**

SEGMENTS	RAMP	TEMP	HOLD
1	150	1200	0.00
2	200	2000	0.00
3	150	2150	.15 (15 minutes)
4	500	2000	.15 (15 minutes)
5	125	1400	0.00

**\*This is the firing schedule I use for ALL my sculptures. It creates micro-crystal growth in the Laguna glazes that makes them extra matte and glittery up close.**