Georgies
CERAMIC AND CLAY CO.

Raku Glazes

Cone 06

PG801
Apple Crackle

PG803
Copper Penny

PG805
White Crackle

PG808
Beetle Juice

PG809
Alligator

PG811
Blue Dolphin

PG823
Purple Passion

PG824
Firedance

Item	*Name*	*Pint*	*Gallon*
PG801	Apple Crackle	$22.00	
PG803	Copper Penny	$22.00	
PG805	White Crackle	$22.00	$107.00
PG808	Beetle Juice	$22.00	
PG809	Alligator	$22.00	
PG811	Blue Dolphin	$22.00	
PG823	Purple Passion	$22.00	
PG824	Firedance	$22.00	

PG801 • Apple Crackle
A gloss glaze that turns brilliant turquoise with fine white lines of crackle and occasional copper flashes. Also offers highlights of green and yellow. Tends to be thick in the jar and doesn't brush out well: pat on one good coat with your brush and call it good.

PG803 • Copper Penny
This vibrant gloss glaze is one of the most reliable flashing glazes you'll find anywhere. Results depend on reduction conditions, featuring iridescent blue/purple highlights across a wide spectrum of possible colors: we've seen bright metallic copper, metallic gold, and rich dark green.

PG805 • White Crackle
A reliable gloss white crackle that performs over and over again. Apply one to three flowing coats with a soft brush. A single coat gives a flat, almost matte white with very little crackle. Gloss coverage and the amount of crackle increase with each additional coat. Over-application may lead to glaze runs! Works best for the most pronounced crackle effects on sandy or grog-bearing clays. After firing, wipe on India Ink or oil-based stains, then wipe off again with a soft cloth. Inks or stains will settle into the crackle to accent them and give more visual depth. This is the only Raku glaze that we offer in gallons.

PG808 • Beetle Juice
This glaze does all kinds of exciting things! The background color varies from aqua (with lots of oxidation) through yellow to green (with more reduction). Flashy, unpredictable highlights of metallic copper and copper red may appear, overlaid with iridescent highlights like the back of a beetle. Crackles, too!

PG809 • Alligator
Alligator is a very dry patina glaze with textural crackling where it's thicker in application. Colors vary, with dark copper rust predominant but overlaid with flashes of purple velvet, maroon and olive green.

PG811 • Blue Dolphin
One of our favorites, and one of our most popular glazes. A dry, textural patina glaze featuring brilliant copper flashes, deep purples, and flame-like streaks of silver, orange or rose over a deep blue background. The flame-like streaks are likeliest to occur where the glaze is thinner. Blue Dolphin may also show brushstrokes where applied thin. It's a fascinating faux-textural effect.

PG823 • Purple Passion
Hailed by some of our customers as the best raku glaze they've ever used, this one gives a very interesting combined glossy-but-textural surface. Lots of true purple lusters, shading to blue edges, over a gold-to-rose background with the unique sandy-glossy texture that just draws your eye over and over.

PG824 • Firedance
The name for this glaze came in a 'flash' of inspiration, because we often refer to raku as the 'dance of the hot pots'. Firedance gives iridescent luster and copper flash results over a background of metallic green-gold to rose blush.

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Raku: It's More Than the Glazes

We'd like to present here a few ideas for raku techniques that we've seen over the years. We came up with some of them, but others were invented by some of our truly creative students in our raku classes.

When it comes to decorative techniques for raku, the first thing to bear in mind is that **raku is a lowfire process**. Georgies' raku glazes formulated to mature (fully melt) at cone 06, or roughly 1830°F. That's the same temperature as most lowfire ceramic products from manufacturers like Duncan and Mayco! This means some of their products adapt readily and easily to use in raku. The unique character of raku glazes and raku firing, however, open up more possibilities than you'll find in an electric kiln.

- Raku glazes are easiest to apply, and work best, when you brush them on at a consistency roughly equal to chocolate milk. You can thin Georgies' raku glazes with water as needed to reach that consistency. It's all about what works best for you; you can leave them thicker or make them thinner if you prefer.
- Use separate brushes to apply White Crackle and colored glazes. A little contamination from one of the colored glazes can go a long way in White Crackle.
- Georgies' patina glazes (like Blue Dolphin) work best when you apply two coats at that consistency of chocolate milk. The gloss glazes (like White Crackle) work best with three coats. The number of coats will vary, however, with the thickness of your glaze. You may need to apply more or less.
- You can mix raku glazes together in various proportions to create more color and texture options. Visit the "How-To Projects" page on www.georgies.com for color examples and information.
- Use Duncan's French Dimensions, which are raised or "puffy" glazes, on raku glazes OR on bare clay where it will smoke to black in post-firing reduction. French Dimensions work best when applied over the patina glazes, so they don't get moved around when the gloss glazes melt.
- You can do underglaze design work on your greenware with your choice of underglaze products. They look great under our White Crackle glaze!
- Experiment with different clay colors under White Crackle. The color of the clay body will dramatically change your results.
- You can also change the color of White Crackle with Duncan EZ-Strokes or Mayco One-Stroke translucent underglazes. (Lighter colors like yellows, pinks or light greens may tend to burn out in the fast raku firing, but darker colors hold up better.)
- Spatter drops and streaks of Blue Dolphin across a background of White Crackle for a blue-&-white "marbled" look with some copper flashes.
- Apply three coats of White Crackle, let it dry, and then scratch or carve out a design through the glaze back down to the bare bisque. Make the lines bold and thick: as White Crackle melts during firing it will "flux," meaning that it bubbles up on your piece as the glaze minerals melt. (All gloss glazes flux to varying degrees, but patina glazes don't.) This fluxing may thin out or fill in some of the lines of the design. Use that to your advantage in some designs, like trees: cut the lines for upper branches thinner, so they'll gradually fill in. It looks great!
- Experiment with various organic combustibles in the post-firing reduction. Leaves, straw, pine needles, hamster bedding (red cedar shavings), and other materials will change the glaze color results, depending on their chemical content.

NEVER BURN PETROLEUM-BASED PRODUCTS OF ANY KIND IN REDUCTION. NEVER BURN PLASTICS, STYROFOAM, OR OTHER MATERIALS CHEMICALLY CREATED OR PROCESSED. Smoke from burning these materials is toxic and highly dangerous.

- Raku pieces are for decorative purposes only.
- Raku glazes are not foodsafe and are not watertight after firing.
- Raku firing must be done in a raku kiln, a fast firing, using fossil fuel (usually propane), and a post-firing reduction procedure.
- Raku is an inherently dangerous process since you are working in close proximity to extreme heat and open flame.
- Take appropriate precautions to reduce the risk of fire or injury.
- We strongly recommend the use of personal protective equipment such as firing gloves, safety or kiln glasses, plus a respirator, when working around raku kilns or reduction chambers.