Columbus Clay Company

Serving Schools and Studios Since 1939

Catalog no.19



Ceramic Supplies

Columbus Clay Company 1080 Chambers Road Columbus Ohio 43212

Phone: Toll Free 1.866.410.Clay (2529) or 614.488.9600

Fax: 614.488.9849

Web: www.columbusclay.com Email: columbusclay@aol.com

Open Monday through Friday, 8:00am-5:00pm or by appointment

How To Order

You may order by phone, fax, email, or by purchase order. Generally payment must be received before orders will be shipped. However we will extend 30 days of credit to schools and other frequent credit worthy customers.

Ordering Information

- 1. For pickup orders, please call ahead so that you won't have to wait. The minimum U.P.S. shipping charge is \$12.00. Minimum order for billing and purchase orders is \$25.00. \$10.00 minimum on credit card orders.
- 2. Most prices in this catalog do not include shipping cost. Due to fluctuations, prices are current at the time of printing and are subject to change.
- 3. Raw Materials are F.O.B. (Freight On Board) Columbus, Ohio.
- 4. Equipment is F.O.B. manufacturer.
- 5. Shipments weighing less than 200 pounds can be sent U.P.S. while large orders can be sent by commercial carrier (we send all orders the least expensive way). We use only discounted carriers.
- 6. There is an additional \$12.50 charge for U.P.S. C.O.D.
- 7. Ohio customers must pay 7.50% sales tax.
- 8. Hours are Monday through Friday 8:00am-5:00pm year round or by appointment.
- 9. Returns are subject to a 20% restocking charge. Please call for authorization before making any returns.
- 10. We accept Mastercard, American Express, Visa & Discover as Payment. Cash is fine also.

Disclaimer of Warranties

Columbus Clay Company's only obligation with respect to any of the materials and equipment listed in this catalog shall be to replace the particular item or product shown to be defective by standard and accepted methods used in the ceramic industry. This is made in lieu of any and all warranties, express or implied, including but not limited to, any implied warranties of merchantability or fitness for a particular purpose. Columbus Clay Co. will not be liable for any injury or loss, inability to use for any monetary loss or damage in excess of the amount paid for such item or product. Before using, user shall determine the suitability of the product for his/her intended use and user assumes all risks and liability whatsoever in connection therewith.

General Information

Contents

*Columbus Clay Co. has ceramic engineers on staff to answer your questions and to provide you the technical advice you need.

*We will supply you with the best available clays, chemicals, glazes, colors and supplies at reasonable prices. We take care in preparing and packing materials for shipment.

*The variables in methods, techniques, formulations, studio practices, kilns and firing routines of schools and potters prohibit us from accepting responsibility for unsatisfactory results.

*We strongly recommend an ongoing testing routine for clays, glazes, colors, and experiments under your usual handling and firing conditions.

*Do not commit a large investment to untested materials

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Equipment Repair

Columbus Clay Company specializes in restoring Skutt, and Vulcan kilns, though we work on all major brands. If you are having problems with your kiln, give us a call. Many times we can diagnose the problem and decide on the most economical plan of correction over the phone. We stock Skutt, Vulcan and Dawson Kiln-Sitter parts for most popular models. We also repair wheels, slab rollers and other equipment.

Potters Wheel Rental

If you're thinking about trying out throwing but don't want to invest in a wheel just yet or if you're not sure which model of potters wheel is for you, rent one of ours for a week. We have the new Shimpo VL Lite ready for you to try out. Please call for availability.

Trade-in and Sale of Previously Owned Equipment

Frequently we take equipment in trade for new kilns and potters's wheels. We recondition and offer these trade-ins for sale. Since availability is unpredictable, it is suggested that you call in periodically or better yet tell us what make and model you are looking for. We will contact you when we find it.

Columbus Clay Co. Distributors

Art Mart 409 N. Martin St. Muncie, IN 47303 765.284.2919 artmartmuncie.com Nelsonville Emporium 31 Public Square Nelsonville, OH 45764 740.753.1285 nelsonvilleemporium.com

Art Supply Depo 19 S. St. Clair St. Toledo, OH 43604 419.720.6462 artsupplydepo.com Art Supply Depo BG 435 E. Wooster St. Bowling Green, OH 43402 419.352.9501 artsupplydepobg.com

1 Moist Clay

Columbus Clay Company

LOW FIRE EARTHENWARE CLAYS				Abso	Absorption		
#125 White Moist Cone 06-04	A smooth, grogless, white-burning clay suited for coil work and general hand building. Unfired color is now dark gray but fires bright white.	c06 c04			19.0% 14.5%		
#127 White Sculpture Cone 06-04	This Clay is the same formula as White Moist with the addition of some fine grog. This makes the clay very suitable for larger wheel thrown and hand built pieces. Unfired color is now dark gray but fires bright white.	c06 c04			15.5% 13.5%		
#167 Red Moist	A smooth, grogless, "Indian Red" color clay, suited for wheel work and general hand building.	c06	7.5%	c06	13.0%		
Cone 06-04		c04	10.0%	c04	6.0%		
#177 Terra Cotta Cone 06-04	This Clay is the same formula as Red Moist with the addition of fine grog. This makes the clay a favorite for larger wheel thrown and hand built pieces.	c06 c04		c06 c04	13.5% 6.5%		
STONEWARE CLA	AYS						
#146 Buff Clay	Having a wide firing range, this cream colored clay is an excellent all purpose clay. A good clay to teach wheel throwing.	c2	10.0%	c2	8.5%		
Cone 2-7		c7	12.0%	c7	1.5%		
#112 Brown Clay Cone 4-7 #112 NS Brown	An excellent throwing clay body that contains manganese specks. Fires to a medium brown color. Also available without specks.	c4 c7	12.0% 13.0%	c4 c7	3.5% 1.0%		
#124 Speckle Tan Clay	Great all purpose clay body blended with fine grog and contains manganese specks.	c4	12.0%	c4	3.5%		
Cone 4-7		c7	13.0%	c7	2.0%		
#130 Rustone Clay	A fine grogged clay body. Fires to a deep rich brown color. Very nice for hand building or wheel throwing.	c4	12.5%	c4	1.0%		
Cone 4-7		c7	13.0%	c7	0.5%		
#120 Barbs Body	Very nice stoneware body. This clay throws beautifully and is great for oxidation or reduction fire. Fires to a tannish gray color.	c6	12.5%	c6	1.5%		
Cone 5-10		c10	13.0%	c10	0.5%		
#129 Mather Stone	A good production clay suited for making ovenware and functional dinnerware. An excellent throwing body that fires a warm gold color in reduction. Formulated by Tim Mather.	c6	11.0%	c6	6.0%		
Cone 6-10		c10	12.5%	c10	1.0%		
#182 White Stoneware	A very plastic throwing body, off white in color, and provides a good base for bright colored glazes.	c6	10.5%	c6	9.0%		
Cone 6-10		c10	12.0%	c10	4.0%		

Columbus Clay Company

Moist Clay 2

PORCELAIN CLAY	S			Shr	inkage	Abso	rption
#215 Grolleg Porcelain Cone 4-7	Premium English c State University b white with excellen	y Jeanne Otis. S		c4 c7	15.0% 15.5%	c4 c7	1.0% 0.5%
#213 Mid Range Porcelain Cone 4-7	A superior domestic to work with. Very	-	c4 c7	13.0% 13.5%	c4 c7	2.5% 0.5%	
#217 Mather Porcelain Cone 8-10	Great smooth high work and is great lated by Tim Mathe	in oxidation or re		c10	14.0%	c10	0.5%
OTHER CLAYS							
#116 Raku Clay White	A great raku formu medium grog. This sistance.			aries	Var	ries	
#222 "X" Clay	This clay is mill over cannot guarantee at fire applications and						
#202 Self Hardening Clay	This clay hardens to firing or baking. It paints. Not suitable	can be decorated	with acrylic or oil				
Dry Clays	All clays are avail Hardening clay. I cents per pound. M	Ory mix clays are	e an additional 2				
Custom Clays	We can formulate a both moist and dry contact us for a que	form. Your formu	ıla is confidential.				
PRICE GUIDE							
Quantity	50#	100#	500#	10	00#	20	000#
All clays except Grolleg	Porcelain, "X" Clay	, and Self Harde	ning Clay				
Price Per Box/ Per. lb.	\$33.00/.66 lb	\$29.50/.59 lb	\$25.50/.51 lb	\$22.0	0/.44 lb	\$20.	00/.40 lb
# 215 Grolleg Porcelain							
Price Per Box/ Per. lb.	\$41.50/.83 lb	\$36.50/.73 lb	\$34.50/.69 lb	\$31.0	0/.62 lb	\$29.	00/.58 lb
#222 "X" Clay							
Price Per Box/ Per. lb.	\$20.00/.40 lb	\$17.50/.35 lb	\$14.00/.28 lb	\$12.5	0/.25 lb	\$12.	00/.24 lb
#202 Self Hardening Cla	y						
Price Per Box/ Per. lb.	\$82.50/1.65 lb	\$72.50/1.45 lb	Call				

Note: Please visit www.columbusclay.com for clay color charts.

Note: Custom Clays are available at 1000 lbs. minimum.

Please contact us for pricing and production time.

3 Moist Clay



		Shri	nkage	Absorption		
Buff Clay	An all purpose stoneware clay with a wide firing range for throwing or modeling. Buff color at low temperature and soft gray at cone 9.	c4	9.0%	c4	5.0%	
Cone 02-9		c9	12.0%	c9	3.0%	
Stoneware Clay	A soft warm beige in oxidation - rich gray brown in reduction. This clay throws beautifully, has exceptional strength and versatility and responds well to all techniques.	c4	11.0%	c4	6.0%	
Cone 4-10		c10	13.0%	c10	2.0%	
White Stoneware	A very smooth white stoneware body. Contains no fire clay. NOTE: Please add .10 lb. premium for STD 181 clay.	c6	13.0%	c6	2.8%	
Cone 6-10		c10	13.9%	c10	1.7%	
White Stoneware	Near white plastic stoneware body. Good for use with bright glazes. Contains fire clay.	c8	11.0%	c8	3.0%	
Cone 6-10		c10	12.0%	c10	2.1%	
English Porcelain Cone 8-10	A porcelain body with a parian like quality. It's light and tight and transparent when thin. Contains no ball clay.	c8 c10			1.0% .65%	
Stoneware Clay	Formulated to be similar to 153, but with richer color tones.	c4	12.0%	c4	4.5%	
Cone 4-10		c10	11.0%	c10	0.6%	
Brooklyn Red	Red stoneware body with sand and grog. Oxidation firing yields red at cone 4 and deep sand at cone 8. NOTE: Please add .02 lb. premium for Brooklyn Red.	c4	12.0%	c4	2.5%	
Cone 4-8		c8	13.0%	c8	1.0%	
	Stoneware Clay Cone 4-10 White Stoneware Cone 6-10 White Stoneware Cone 6-10 English Porcelain Cone 8-10 Stoneware Clay Cone 4-10 Brooklyn Red	throwing or modeling. Buff color at low temperature and soft gray at cone 9. Stoneware Clay Cone 4-10 A soft warm beige in oxidation - rich gray brown in reduction. This clay throws beautifully, has exceptional strength and versatility and responds well to all techniques. White Stoneware Cone 6-10 A very smooth white stoneware body. Contains no fire clay. NOTE: Please add .10 lb. premium for STD 181 clay. White Stoneware Cone 6-10 Near white plastic stoneware body. Good for use with bright glazes. Contains fire clay. English Porcelain Cone 8-10 A porcelain body with a parian like quality. It's light and tight and transparent when thin. Contains no ball clay. Stoneware Clay Cone 4-10 Red stoneware body with sand and grog. Oxidation firing yields red at cone 4 and deep sand at cone 8.	An all purpose stoneware clay with a wide firing range for throwing or modeling. Buff color at low temperature and soft gray at cone 9. Stoneware Clay Cone 4-10 A soft warm beige in oxidation - rich gray brown in reduction. This clay throws beautifully, has exceptional strength and versatility and responds well to all techniques. White Stoneware Cone 6-10 White Stoneware Cone 6-10 White Stoneware Cone 6-10 Cone 8-10 Near white plastic stoneware body. Contains no fire clay. NOTE: Please add .10 lb. premium for STD 181 clay. Cone 8-10 A porcelain body with a parian like quality. It's light and tight and transparent when thin. Contains no ball clay. Cone 4-10 Stoneware Clay Cone 4-10 Red stoneware body with sand and grog. Oxidation firing yields red at cone 4 and deep sand at cone 8.	throwing or modeling. Buff color at low temperature and soft gray at cone 9. Stoneware Clay Cone 4-10 White Stoneware Cone 6-10 White Stoneware Cone 6-10 White Stoneware Cone 6-10 Cone 6-10 Cone 6-10 Rear white plastic stoneware body. Good for use with bright glazes. Contains fire clay. Near white plastic stoneware body. Good for use with bright glazes. Contains fire clay. Cone 8-10 Stoneware Clay Cone 4-10 Reglish Porcelain Cone 4-10 Stoneware Clay Cone 4-10 Red stoneware body with sand and grog. Oxidation firing yields red at cone 4 and deep sand at cone 8. Cone 6-10 Cone 6-10 Cone 6-10 Cone 6-10 Cone 6-10 Cone 8-10 Con	An all purpose stoneware clay with a wide firing range for throwing or modeling. Buff color at low temperature and soft gray at cone 9. Stoneware Clay Cone 4-10 A soft warm beige in oxidation - rich gray brown in reduction. This clay throws beautifully, has exceptional strength and versatility and responds well to all techniques. White Stoneware Cone 6-10 White Stoneware Cone 6-10 White Stoneware Cone 6-10 Rear white plastic stoneware body. Contains no fire clay. NOTE: Please add .10 lb. premium for STD 181 clay. Cone 6-10 Rear white plastic stoneware body. Good for use with bright glazes. Contains fire clay. Cone 8-10 Stoneware Clay Cone 8-10 Stoneware Clay Cone 4-10 Red stoneware body with a parian like quality. It's light and transparent when thin. Contains no ball clay. Cone 4-10 Red stoneware body with sand and grog. Oxidation firing yields red at cone 4 and deep sand at cone 8. Cone 6-10 Red stoneware body with sand and grog. Oxidation firing yields red at cone 4 and deep sand at cone 8. Cone 6-10 Cone 6-10 Red stoneware body with sand and grog. Oxidation firing yields red at cone 4 and deep sand at cone 8. Cone 6-10 Cone	

PRICE GUIDE

Quantity	50#	100#	500#	1000#	2000#
All clays except #257 Engl	lish Porcelain				
Price Per Box	\$34.50/.69 lb	\$31.50/.63 lb	\$28.00/.56 lb	\$23.00/.46 lb	\$21.00/.42 lb
# 257 English Porcelain					
Price Per Box	\$41.50/.83 lb	\$38.50/.77 lb	\$34.50/.69 lb	\$31.50/.63 lb	\$29.00/.58 lb



Laguna WC-401 B-Mix 5 Clay B-Mix 5 offer nice characteristics. Its smooth, porcelain texture is a pleasure to throw and form, and it fires to a cream color in oxidation.

Packed in 50 lb. boxes

10-19 Boxes...... each \$28.00 20-39 Boxes..... each \$23.00 40 & Up Boxes.. each \$21.00

Laguna EM-217 WED Clay



CERTIFIED

This clay has been specifically formulated to be a very smooth, slow drying clay for modeling. It is used primarily by design studios and the entertainment industry for modeling, design, mock-up and tooling. Not formulated to be fired. Priced same as B mix listed above.

Note: Please visit www.columbusclay.com for clay color charts.

1 Box.....\$34.50

2-9 Boxes each \$31.50

Columbus Clay Casting Slips

Slip/Modeling Materials 4

White Earthenware Casting Slip c 06-04

We are pleased to offer the most consistent white cone 06-04 casting slip available. Our test procedures and multi ingredient formula insure proper specific gravity, flow viscosity and quality castings every time. Packaged in 2 gallon cardboard box with heavy duty plastic bag. All quantities \$5.50 gallon

JE-1 White Stoneware Casting Slip c 4-8

This mid range stoneware casting slip is suitable for functional as well as decorative pottery. Packaged in standard 2 gallon All quantities \$7.00 gallon

LJ-4 White Porcelain Casting Slip c 4-6

The best all around low temperature vitreous slip available. This translucent body is a compromise between the very white, very weak bodies of some manufacturers and the yellow buff bodies of others. White in color, good green strength and trimming characteristics. Packaged in standard 2 gallon boxes. All quantities \$11.00 gallon

NOTE: Boxed slip is for customer pickup only. For motor freight or UPS we offer any of the above slips in 3 gallon plastic pails. Cost is the price of 3 gallons of slip plus \$8.00 for the pail, plus shipping.

Sodium Silicate

A deflocculant also known as water glass, commonly used in casting slips to suspend clay particles in the least amount of water possible to attain the most dense concentration that will still flow into a plaster mold. .1-.3% recommended.. \$4.15/Pint, \$25.00/ gallon

Darvan #7

An alternative to sodium silicate to deflocculate (suspend) materials in water, recommend use .5 to 1%......\$6.00/Pint, \$32.00/gallon

A white modeling compound that bakes in your home oven at 275°F to hardness in 15-20 minutes. Economical, easy handling product for the novice as well as the mature sculptor......\$15.99 1.75 lb. box

Sculpey III Sampler Pack
Contains 30 one-ounce cubes of brightly colored modeling compound. Oven-hardens at 275°F. Excellent medium for jewelry and min-

Columbus Clay Self Hardening Clay

This clay hardens to a relatively durable state without firing or baking. Decorate with acrylic or craft paints and seal with shellac. Not

Permoplast (Modeling Clay)

Remains soft and pliable when used over and over. Non-toxic and Sulfur free.

Van Aken Modeling Clav

Perfect for claymation, available in 1 and 4.5 lb. blocks, red, green, yellow, ultra blue, orange, magenta, violet, turquoise, flesh, white,

Crea-Stone

Crea-Stone is a versatile sculpture medium which carves like soap and hardens like stone. This lightweight stone-like material is mixed with water and cast into shapes planned for sculpture, plaques, and various art forms. When aged, Crea-Stone hardens to a rough granite-

Clavcrete Instant-Papier Mache

All the qualities of original papier mache. No newspapers to cut-up, no flour or wheat paste, easy to prepare, easy to model, very eco-

Sculptamold

The best features of clay, plaster and paper mache. In dry form, this white, nontoxic compound is easily prepared by adding water, sets in 30 minutes. It adheres to almost all clean surfaces (even glass) and does not shrink so it may be applied to an armature or over any core. Very lightweight, permitting solid construction of large pieces. When dry, may be carved, sanded, sawed or even nailed. Surfaces may

Monster Clay (5 lb Block)

Monster Clay® Premium Grade Modeling Clay is a re-useable sulfur free, professional oil/wax based sculpting medium. Monster Clay® has an ultra smooth formulation that features a low melt temperature and a low tack feel that will not stick to tools or fingers. Monster Clay has high plasticity and has a unique elastic quality much like soft taffy when warm. At average room temperature Monster is firm enough to capture even the finest details and can be re-used and re-melted indefinitely. This sulfur free recipe is compatible with platinum silicone molding compounds. Best of all Monster Clay has lower density than the average oil based clays.

This means that you receive approximately 25% more clay per pound without the added cost. \$29.95/5 lb. pkg.

5 Plaster/Mold Making

No. 1 Pottery Plaster USG (Plaster of Paris)

Highly uniform, noted for outstanding performance and long life. The standard of the industry. The best material for slip molds, wedging boards and plaster bats.

Moulding Plaster USG

A good utility plaster where expansion control, hardness, and strength are not of major importance. Mainly used for sculpture work.

Regular Dental Plaster

A normal set dental plaster recommended for general purpose applications, similar to Moulding Plaster.

Hvdrocal White USG

A white Gypsum Cement that can be carved or added to. Good for casting and sculpting.

Ultracal 30 USG

A strong gypsum cement recommended where extreme accuracy and greater surface hardness are required. Has the lowest expansion of any rapid-setting gypsum cement available.

Hydrostone USG

One of the strongest and most durable Gypsum Cements. Especially suitable for high strength applications such as ram press dies and sculpture work.

Туре	Average Recommended Water Per 100 lbs. of Plaster	Setting Time (Minutes)	% Setting Expansion	Compression Strength (psi)
No 1 Pottery Plaster	70	27-37	0.210	2,000
Moulding Plaster	70	27-37	0.200	2,000
Regular Dental Plaster	70	19-22	0.200	2,000
Hydrocal White	45	25-35	0.390	5,000
Ultracal 30	38	25-35	0.080	6,000
Hydrostone	32	17-20	0.240	10,000

Plaster Price Per Lbs.

Туре	1#	5#	10#	50#	100#	500#	1000#	2000#
No. 1 Pottery Plaster	3.03	1.82	1.16	.50	.44	.39	.36	.33
Moulding Plaster	3.03	1.82	1.16	.50	.44	.39	.36	.33
Regular Dental Plaster	3.03	1.82	1.16	.77	.53	.44	.39	.36
Hydrocal White	3.03	1.93	1.71	.94	.61	.55	.50	.44
Ultracal 30	3.03	1.93	1.71	.94	.61	.55	.50	.44
Hydrostone	3.03	1.93	1.71	.94	.61	.55	.50	.46

Mold Soap

Rubber Latex, AMACO

Mayco Molds

We are a distributors of the full line of Mayco casting and slump plaster molds. For a full selection of shapes please visit www.maycocolors.com. Call for pricing.

Custom Molds

Do you need your creation turned into a production mold? We can put you in touch with custom mold makers that can help you achieve your product. Call us for more information.



Bisque Ware cone 06

We are now offering a full line of low fire bisque ware These pieces are ready for decorating. glazing, and final firing. Great for paint your own potteries, class projects. and those who prefer the convenience of bisque. For pricing and a full selection of shapes please visit maycocolors.com/ index.php/bisque

The Bisque listed below are items we usually have in stock. Please call for availability. If we don't have what you are looking for in stock we can get it within two days.

Item	#case	Piece/Case
MB-102	12	\$5.50/33.00
MB-104	12	\$5.50/33.00
MB-105	12	\$4.80/28.80
MB-115	12	\$5.40/32.40
MB-113	24	\$7.40/44.40
MB-122	12	\$5.70/34.20
MB-123	12	\$5.90/35.40

All bisque not listed above is available in case quantities. Please call for pricing and availability.

White Bisque Tiles cone 06

These industrial grade low fire bisque tiles are ready for decorating, glazing, and final firing. Perfect for wall murals, custom tiles for bathroom/kitchen walls, and class projects.

6x6 Square Tile	ea. \$2.10
Case of 50 Tile	\$90.00
4x4 Square Tile	ea.\$1.40
Case of 100 Tiles	\$125.00
	•

* Amaco Bisque Fix 4 oz.....\$22.00*(2)

This white paste is an excellent mending material for bisque that can be used to bond pieces together or fill up broken cavities. Bisque Fix can be colored to match the bisque using metal oxides or ceramic stains. After applying with a spatula, fire to the temperature of the clay and glaze that you are using -- up to Cone 10 (2381°F, 1305°C).

Prop 65 Warning for California Residents:
WARNING www.P65Warnings.ca.gov
Cancer and Reproductive Harm

*(2) WARNING: This product can expose you to chemicals including Ceramic fibers (airborne particles of respirable size), which are known to the State of California to cause cancer. For more information to go www.P65Warnings.ca.gov.

7 Raw Materials

Aaterials (per lb.)	1#	5#	10#	50#	100#	500#	1000#	2000#
Albany Slip (substitute)	3.85	3.63	3.02	2.58	2.42			
Alumina Hydrate	2.53	1.92	1.81	1.65	1.45	1.32		
Alumina Oxide, Calcined (100 lb bag)	3.35	2.42	2.14	1.92	1.70	1.65	1.21	
Antimony Oxide	13.31	10.89	10.28	9.68				
Ballclay (C&C)	2.42	1.54	1.15	.44	.30	.28	.25	.22
Ballclay (Foundry Hill Creme Clay)	2.15	1.54	1.15	.88	.61	.33	.33	.24
Ballclay (Goldart CH, AF Clay)	2.42	1.82	1.21	.72	.42	.39	.33	.22
Ballclay (Gold 401 Stoneware)	2.42	1.82	1.21	.72	.42	.39	.33	.22
Ballclay (Old Hickory #1)	2.42	1.54	1.15	.44	.30	.28	.25	.22
Ballclay (OM-4, KY)	2.42	1.54	1.15	.44	.30	.28	.25	.22
Ballclay (Redart (CH, AF Clay)	2.42	1.65	1.21	.61	.44	.35	.33	.28
Ballclay (Red 101 Earthenware Clay)	2.42	1.65	1.21	.61	.44	.35	.33	.28
Ballclay (Roseville Clay)	2.42	1.65	1.21	.61	.44	.35	.33	
Ballclay (Thomas)	2.42	1.54	1.15	.44	.30	.28	.25	.22
Ballclay (TN #5/TCP-6)	2.42	1.54	1.15	.44	.30	.28	.25	.22
Ballclay (TN #10/#9)	2.42	1.54	1.15	.44	.30	.28	.25	.22
Ballclay (XX Sagger)	2.42	1.54	1.15	.44	.30	.28	.25	.22
Barium Carbonate	3.63	3.03	2.75	2.42	.72	1.65	1.49	1.21
Barium Sulfate	3.63	3.03	3.03	2.42	2.15	1.82		
Bentonite (western)	3.36	2.20	1.82	1.21	.66	.55	.50	.44
Blackbird Slip (Barnard)	2.75	2.15	1.82	1.52	1.21	1.16	.99	
Bone Ash (real)	6.05	5.45	4.84	4.57	3.96	3.63		
Borax (10 mol.)	4.84	4.24	3.96	3.36	3.03	2.42	2.31	
Boric Acid	4.57	3.63	3.96	3.03	2.75			
Burnt Umber	4.57	3.96	3.63	3.36				
Chromium Oxide	10.56	9.68	9.08	8.09				
CMC Gum (liquid)		oint, \$33.00						
Cobalt Carbonate		oz, \$44.00/						
Cobalt Oxide	(\$4.84/	oz, \$60.50/	lb)					
Copper Carbonate	9.90	9.35	8.80	7.70				
Copper Oxide (Cuperic Black)	13.31	12.10	11.50	9.90				
Copper Oxide (Cuperous Red)	13.31	12.10	11.50	9.90				
Cornwall Stone (55 lb Bag)	3.63	3.36	3.03	2.75	2.42			
Cryolite (Synthetic)	3.63	3.36	3.19	3.03	2.92			
Dolomite (Stonelite)	2.42	1.32	1.21	.77	.55	.33	.22	
Darvan #7	(\$6.00/p	oint, \$32.00	/ gallon)					
Feldspar (G-200 EU, K) (55 lb bag)	4.40	2.75	2.09	1.65	1.32	.88	.77	.68
Feldspar (Custer 325, K)	2.42	2.09	1.54	1.16	.65	.55	.44	.39
Feldspar (Minspar, NC-4, Kona F4, Na)	2.42	2.09	1.54	.72	.44	.33	.33	.24
Fireclay (Hawthorn Bond)	2.42	2.09	1.54	.61	.50	.33	.28	.22
Fireclay (Cedar Heights)	2.42	2.09	1.54	.61	.50	.33	.28	.22
Flint (325 mesh silica)	2.42	2.15	1.54	.77	.50	.39	.33	.28
Flint (200 mesh silica)	2.42	2.15	1.54	.77	.50	.39	.33	.28
Fluorspar	2.42	2.42	2.15	1.71	1.43	1.21	1.21	.94
Frit 3110 (leadless 200 mesh)	4.51	3.96	3.96	2.75	2.53			
Frit 3124 (leadless 200 mesh)	4.24	3.63	3.03	2.15	1.93			
Frit 3134 (leadless 200 mesh)	4.57	3.63	3.30	2.42	2.20			
	4.79	4.24	3.63	3.03	2.42			
Frit 3195 (leadless 200 mesh)								

Raw Materials 8

					Raw Materials o				
Saterials (per lb.)	1#	5#	10#	50#	100#	500#	1000#	2000#	
Gerstley Borate (Real)	2.75	3.19	2.15	1.54	1.32	1.21	1.16	.99	
Gillespie Borate (Gerstley Borate Sub)	2.42	2.15	1.76	1.54	1.21	1.16			
Grog (Christy Fine Flint Clay, 35 M)	2.42	2.15	1.32	.66	.61	.51	.44		
Grog, Fine (48 M and fines)	2.42	2.15	1.32	.61	.55	.55	.50		
Grog, Medium (20-48 M)	2.42	2.15	1.32	.61	.55	.50	.44		
Grog, Coarse (12-20 M)	2.42	2.15	1.32	.61	.55	.50	.44		
Gum, Solution		/Pint \$33.0					• • • • • • • • • • • • • • • • • • • •		
Iron Chromite	3.03	2.42	2.37	2.15					
Iron Oxide (Yellow)	6.99	6.33	5.78	5.50					
Iron Oxide (Black)	5.45	5.45	4.84	4.57					
Iron Oxide (Bright Red, For Glaze)	6.60	6.05	5.50	5.17					
Kaolin (Primary, Avery, Helmar)	2.42	2.15	1.82	1.21	.88	.72	.61	.49	
Kaolin (EPK)	2.42	1.82	1.32	.88	.55	.44	.39	.33	
Kaolin (English Grolleg) (55 lb Bag)	3.63	2.42	2.20	1.65	1.54	1.43	1.32		
Kaolin (Calcined) Glomax	3.58	3.03	2.42	1.82	1.54	1.32	1.27		
Kaolin (F.C.)	2.42	1.82	1.32	.88	.55	.44	.33		
Kaolin (#6 Tile, G.A.)	2.42	1.82	1.32	.88	.55	.44	.33		
Kiln Wash (High Fire)	3.03	2.42	1.82	1.54					
Kyanite (48 mesh) (100 lb bag)	3.03	2.42	1.60	1.43	1.10	.83			
Lithium Carbonate	42.60	40.40	39.40	35.20	31.80				
Magnesium Carbonate	6.65	5.46	5.17						
Magnesium Sulfate (Epsom Salts)	4.24	3.63	2.75	2.42	1.82				
Manganese Carbonate	8.20	7.59	6.99	6.66					
Manganese Dioxide Milled	3.36	2.42	1.54	1.21					
Manganese Dioxide Gran.	3.36	2.42	1.82	1.65					
Mold Soap	8.47								
Molochite (30 mesh)	4.24	3.03	2.59	2.15					
Molochite (120 mesh)	4.24	3.36	3.03	2.42					
Nepheline Syenite (A-270)	2.42	1.54	1.32	.83	.50	.39	.33		
Nepheline Syenite (A-400)	2.42	1.54	1.21	.88	.50	.44	.39		
Nickel Oxide (Black)	38.72	36.30	32.67	31.46		• • • •	.57		
Nylon Fibers	9.35	8.47	8.20	7.26	6.66	6.05			
Petalite	3.03	2.42	2.04	1.82	1.76	1.71			
Plaster (#1 Pottery, USG)	3.03	1.82	1.16	.50	.44	.39	.36	.33	
Plaster (Moulding Plaster, USG)	3.03	1.82	1.16	.50	.44	.39	.36	.33	
Plaster (Dental USG) (100 lb Bag)	3.03	1.82	1.16	.77	.53	.44	.39	.36	

9 Raw Materials

Materials (per lb.)	1#	5#	10#	50#	100#	500#	1000#	2000#
Plaster (Hydrocal White, USG)	3.03	1.93	1.71	.94	.61	.55	.50	.44
Plaster (Ultracal 30, USG)	3.03	1.93	1.71	.94	.61	.55	.50	.44
Plaster (Hydrostone, USG)	3.03	1.93	1.71	.94	.61	.55	.50	.46
Plastic Vitrox (Synthetic)	3.03	1.93	1.65	1.10	.77	.44		
Pyrophyllite (PYRAX)	3.03	2.15	1.93	1.32	.88	.55	.44	
Rutile (Milled)	7.26	6.60	6.05	5.50	5.17			
Silica Flour	(See Fli	nt 325)						
Silica Sand (80 Mesh Flint) (50 lb Bag)	2.42	1.65	1.21	.77	.44	.33	.28	.22
Silica Sand (30 Mesh Flint) (50 lb Bag)				.77	.44	.39	.33	.28
Soda Ash, Dense (Glass Grade)	3.03	2.15	1.71	1.21	1.05	.83	.72	
Soda Ash, Light (Ceramic Grade)	3.03	2.15	1.71	1.21	1.05	.83	.72	
Sodium Silicate	(\$4.57/I	Pint \$27.50						
Spodumene (AUS) (55 lb Bag)	3.30	2.37	2.03	1.60	1.21	1.16	1.10	
Strontium Carbonate	4.23	3.30	2.48	2.15	2.04			
Superpax (Zirc. Silicate)	5.78	3.30	3.63	3.30	3.03			
Talc (Texas)	2.75	1.93	1.10	.50	.44	.39	.33	.25
Tin Oxide (Opacifier)	36.30	33.00	33.00	27.50				
Titanium Dioxide	6.05	5.50	4.84	4.57				
Ultrox (See Zircopax) (Opacifier)								
Vee Gum CER	13.31	12.05	10.56					
Vee Gum T (also Macaloid)	12.10	10.89	9.35					
Wax Resist (Liquid)	(\$9.90/I	Pint \$30.80	/Gallon)					
Whiting (Limestone, Calcium Carbonate)	2.42	1.93	1.21	.39	.33	.28	.26	.22
Wollastonite (Vansil W-20)	3.03	2.42	1.93	1.21	1.10	.94	.72	.61
Yellow Ochre	3.30	3.03	2.75	2.42				
Zinc Oxide (Calcined)	7.26	6.60	6.05	5.45	4.84	4.35	4.07	
Zircopax (Zirc Silicate) (Opacifier)	6.05	5.45	4.24	3.96	3.74	3.30	3.03	

Notes

Stains 10

Definition of a Stain

Essentially, a stain is an oxide or series of oxides and opacifiers which have been blended together, calcined (or fired), then ground to a 200 or so mesh powder. The reasons for using a stain versus an oxide, etc. are (1) Stability of Color — an important criteria for wall tiles, sanitary ware, etc. (2) Insolubility — an insoluble (in water) stain greatly diminishes the risk in handling wet glazes when dipping or pouring, etc. (3) Color — the fired color of most stains is identical to the raw color because it has already been fired. It is, therefore, easier to use or to mix to achieve another color. It can also be mixed with a variety of mediums to turn them into china paints, enamels, silk screen colors, decals, etc.

Key To Composition Chart

J	 somposition entit	
Al	Aluminum oxide	A12O3
В	Boric oxide	B2O3
Ca	Calcium carbonate	CaO3
Co	Cobalt oxide	CoO
Cr	Chromium oxide	Cr2O3
Fe	Iron oxide	Fe2O3
Mn	Manganese dioxide	MnO2
Ni	Nickel oxide	NiO
Pb	Lead oxide	PbO
Pr	Praseodymium oxide	Pr6O11
Sb	Antimony dioxide	Sb2O3
Si	Silicon dioxide	SiO2
Sn	Tin dioxide	SnO2
Ti	Titanium dioxide	TiO2
V	Vanadium oxide	V2O5
Zn	Zinc oxide	ZnO
Zr	Zirconium dioxide	ZrO2

Mason Stain Reference Notes

1. Can be used as body stain in porcelain at high temperatures.

1a. Use only as body stain.

Firing temperatures can only be a rough guide. Firing at 2200°F on a slow schedule may give the equivalent maturing as firing at 2300°F

on a fast schedule. The cycle, atmosphere, and rate of cooling will affect the color.

- **2.** Max. firing limit 2156°F (1180°C)
- **3.** Max. firing limit 2390°F (1310°C)
- **4.** Max. firing limit 1976°F (1080°C)

Zinc oxide influences the color in a glaze more than any other element. Generally, zincless glazes should contain no magnesium oxide. Some colors containing zinc are to be used in a zincless glaze. The zinc in the color is in a combined form and will not harm the color, but free zinc oxide in the glaze can destroy the color.

- **5.** Do not use Zinc in the glaze.
- **6.** May be used with zinc or without zinc.
- 7. Zinc not necessary but gives better results.
- 8. Best results with no zinc.

Calcium oxide content as calcium carbonate should be between 12-15% for best color development. Adding the molecular equivalent of calcium oxide with Wollastonite, a natural calcium silicate, often gives better uniformity. The increased silica from the Wollastonite must be subtracted or the glaze will have a poor surface.

9. Glaze must contain 6.7 to 8.4% Calcium Oxide.

Notes by Mason Stain Company — You must test under your conditions.

High Fire Red, Yellow, Orange Stains

If you make your own glazes this is the way to go. These stains can be used as a glaze or body stain and have been tested stable up to cone 10. Non toxic and food safe when used in a non toxic and food safe glaze formula.

#4170 Fire Engine Red #4210 Bright Orange #4250 Bright Yellow

Price: \$16.00 for 1/4 lb., \$50.00 for 1 lb.

Call for larger quantities.

Ceramic Stain Sale

We have a large supply of assorted ceramic stains. They have been manufactured by Ferro, Degussa, General Color, Pemco, O. Hommel and others. Here is the deal. You will get from 3/4 to 1 lb. of stain per jar. For this deal you can NOT pick specific colors or ask us to match Mason or any other color manufacturer stain. We do not do ANY testing of these colors. They are sorted into color groups. You can ask for assorted colors, or ask for BLACK, BLUE, YELLOW, GREEN, BROWN, GRAY, PINK, or MAROON. Some other colors are available. The value of these stains are from \$7 to \$25 per pound, so this is a GREAT DEAL! Please do a test before using any stain in your production. Contact us if you have any questions. You can save a lot of money with this stain promotion.

\$4.00 each (3/4-1 lb.) SPECIAL get 12 for \$40.00 This is a value of over \$150!

11 Stains

		Composition	1/4#	1#	5#	Reference
6000	Shell Pink	CrSn	\$7.43	\$24.20	\$105.60	3,5,9
6001	Alpine Rose	CrSn	7.43	24.20	105.60	3,5,9
6002	Rose Rose	CrSn	7.43	24.20	105.60	3,5,9
6003	Crimson	CrSn	7.43	24.20	105.60	3,5,9
6004	Crimson	CrSn	7.43	24.20	105.60	3,5,9
6005	Deep Crimson	CrSn	7.43	24.20	105.60	3,5,9
6006	Deep Crimson	CrSn	7.43	24.20	105.60	3,5,9
6007	Peach	CrSnV	7.98	26.40	112.20	3,5,9
6008	Peach	CrSnV	7.98	25.30	110.00	3,5,9
6009	Coral	CrSnV	8.25	24.20	102.30	3,5,9
6020	Pink	MnAl	6.88	18.70	78.10	1,3
6023	Clover Pink	ZrVCrSn	6.88	23.10	95.70	3,5
6029	Persimmon	CrAlFeZn	5.50	16.50	67.10	3,8
6031	Deep Salmon	CrSnFe	7.43	24.20	95.70	3
6032	Coral	FeZr	6.33	20.90	82.50	3
6052	Doll Flesh	CrMnAl	5.78	18.70	78.10	1,3,6
6067	Pink Extender	Sn	7.43	13.20	93.50	3,5
6090	Coral	CrSnV	8.53	26.40	110.00	3,5,9
6098	Flesh	CrSnVZr	7.43	20.90	89.10	3,5,9
6100	Woodland	CrFeZnAlSi	6.33	17.60	72.60	3,6,7
6101	Chestnut	CrFeZnMn	6.33	16.50	69.30	3,6,7
6103	Golden	CrFeZnAl	6.33	17.60	71.50	3,6,7
6104	Fawn	ZrVCrSn	7.43	24.20	107.80	3,6,7
6107	Dk. Golden	CrFeZnAl	6.33	17.60	71.80	3,6,7
6108	Walnut	CrFeZnMn	6.33	18.70	78.10	3,6,7
6109	Deep Brown	CrFeZnAl	5.50	17.60	71.50	3,6,7
6111	Spice Brown	FeSnZn	7.43	23.10	89.10	3,6,7
6113	Claret	CrFeZn	5.50	16.50	60.50	3,6,7
6119	Russet	CrFeZnCaZr	5.23	16.50	66.00	3,6,7
6121	Saturn Orange	CrFeZnAl	6.33	17.60	71.50	3,6,7
6124	Chocolate	CrFeZnAlMn	6.33	18.70	77.00	3,6,7
6126	Hazelnut	CrFeZnAl	6.33	18.70	77.00	3,7
6129	Golden Ambrosia	CrFeZnAl	6.33	17.60	71.50	3,6,7
6131	Titanium Iron	TiFe	6.33	17.60	71.50	1a,3,6
6149	Iron Silicate	FeSi	5.50	16.50	66.00	3.6,7
6153	Seal Brn.	CrFeZnMn	5.50	16.50	60.50	3,6,7
6160	Dark Chocolate	CrFeZnAl	5.50	15.40	63.80	3,6,7
6163	Terra Cotta	CrFeZnAl	6.33	17.60	71.50	3,6,7
6190	Deep Brn.	CrMn	5.50	16.50	60.50	3,6,7
6194	Manganese Sillicate	MnSi	5.50	16.50	60.50	3,6,7
6200	Evergreen	CrCoSi	6.33	18.70	78.10	3,5

					Stai	ins 12
Number	and Color	Composition	1/4#	1#	5#	Reference
6201	Celadon	CrCoZnAlSi	\$6.33	\$17.60	\$74.80	1,3,6,8
6202	Florentine	CrCoSi	7.43	22.00	93.50	1,3,6,8
6204	Victoria Green	CrCaSiZr	6.33	18.70	74.80	3,5,9
6206	Grass Green	CrCa	5.50	16.50	66.00	3,5,9
6207	Celeste	CrCoZnAl	6.33	18.70	74.80	3,6
6209	Chrome	CrSi	7.43	23.10	97.90	3,5
6211	Pea	ZrVSn	8.53	26.40	116.60	1,3,6,8
6219	French	CrCoZnCaSi	6.33	18.70	77.00	1,3,5,8
6221	Turquoise	CrCoZnCaZr	5.50	16.50	66.00	3,5
6223	Ivy	CrAlSi	6.33	19.80	82.50	3,5
6224	Dk. Green	CrCoZnSiFe	6.33	17.60	73.70	3,5
6226	Dk. Leaf	CrCoZnSiFe	6.33	16.50	69.30	1,3,6,8
6236	Chartreuse	ZrVSn	8.53	28.60	127.60	1,3,6,8
6242	Bermuda	ZrVPr	6.33	17.60	74.80	3,6
6246	Blue Green	CrCoZnSn	7.43	31.90	94.60	3,6,8
6254	Dk. Teal Green	CoCrAlSiZn	8.53	26.40	110.00	1,3,6,8
6255	Jade Green	CoCrAlSiZn	8.53	29.70	116.60	1,3,6,8
6264	Victoria	CaCrSi	6.33	17.60	73.70	3,5,9
6265	Leaf Green	CrCoZnCaSi	6.33	18.70	77.00	3,5,9
6266	Peacock	CrCo	11.00	36.30	160.60	1,3,6,8
6268	Sea Green	CrCoZnSi	7.43	23.10	99.00	1,3,6,8
6271	Mint Green	CrCoZnCaSi	6.33	18.70	74.80	3,5,9
6274	Nickel Silicate	NiSi	7.43	24.20	105.60	1,3
6280	Avocado	ZrVCrFeCo	8.53	25.30	104.50	3,6
6288	Turquoise	ZrVCrCa	6.33	17.60	72.60	3,5,9
6300	Mazerine	CoSiZn	11.00	38.50	161.70	1,3,6
6302	Cadet	CrCoAlSiSn	8.80	26.40	111.10	1,3,6
6303	Deep Orchid	CrSnCo	8.80	26.40	111.10	3,5,9
6305	Teal	CrCoAlSiZn	8.80	25.30	105.60	1,3,6
6306	Vivid	CoAlSiZn	7.70	25.30	105.60	1,3,6
6307	Pastel	CoAlSiZrSn	6.60	17.60	72.60	1,3,6
6308	Delphinium	CoAlSn	8.53	26.40	111.10	1,3,6
6310	Wedgewood	CoAlSi	9.90	33.00	144.10	1,3,6
6313	Medium	CoZnSi	9.90	31.90	133.10	1,3,6
6315	Deep Turquoise	ZrV	6.33	19.80	83.60	1,3,6
6319	Lavender	MnAlCo	8.53	26.40	113.30	1,3
6320	Delft	CoAlSiSn	12.10	38.50	127.60	1,3,6
6331	Orchid	CrSnCo	8.80	26.40	105.60	3,5,9
6332	Orchid	CrSnCo	8.80	26.40	105.60	3,5,9

See page 10 for reference notes and composition key. NOTE: We have many additional stains from other manufacturers. Please call for specific information.

7.70

9.90

8.80

8.80

9.90

6.33

25.30

31.90

29.70

27.50

28.60

17.60

CrSnCo

CoAlZn

CoAlSi

CoAlSi

CrCoAlSiSn

CrCoAlSiZn

Lavender

Royal Blue

Mediterranean

Blue Willow

Sky Blue

Peacock

6333

6336

6339

6343

6360

6363

100.10

127.60

122.10

116.60

122.10

68.20

3,5,9

1,3,6

1,3,6

1,3,6

3,5

3,6

13 Stains

Number	and Color	Composition	1/4#	1#	5#	Reference
6364	Turquoise	ZrV	\$6.33	\$19.80	\$78.10	1,3,6
6368	Copenhagen Blue	CoZnAlSi	7.70	23.10	94.60	1,3,6
6371	Dark Teal	CrCoAl	6.33	34.10	144.10	1,3,6
6373	Turquoise Blue	ZrVCrCoSn	6.33	20.90	82.50	3,6
6376	Robins Egg	ZrV	6.33	17.60	71.50	1,3,6
6381	Blackberry Wine	CrZnCo	8.80	26.40	116.60	3,5,9
6383	Cobalt Aluminate	CoAl	13.75	40.70	182.60	1,3,6
6385	Pansy Purple	CrSnCo	8.80	26.40	111.10	3,5,9
6386	Navy Blue	CoCrFeNiSiZn	8.80	26.40	116.60	1,3,6
6387	Mulberry	CrSnCo	13.75	40.70	155.10	3,5,9
6388	Mazerine	CoSi	14.30	38.50	166.10	1,3,6
6389	Sapphire Blue	CoAl	14.30	38.50	166.10	1,3,6
6392	Dusty Lavender	CrSnZrV	7.43	20.90	89.10	3,5,9
6393	Turquoise Blue	ZrVCoSn	7.43	20.90	89.10	3,6
6396	Peacock	ZrVCrCoAl	6.60	20.90	89.10	1,3,6
6404	Vanadium	SnV	9.90	29.70	127.60	1,3,6
6405	Naples (6400)	FePrSiZr	6.33	15.40	56.10	3,6
6406	Buttercup (6401)	FePrSiZr	7.43	17.60	78.10	3,6
6407	Marigold	ZeFePr	6.33	16.50	67.10	3,6
6450	Praseodymium	PrZrSi	6.33	19.80	78.10	3,6
6464	Zirconium	ZrV	8.80	27.50	111.10	1.3,6
6471	Old Gold	SnVCrFeZn	8.80	25.30	101.20	1,3,6
6485	Titanium	CrTiSb	6.33	19.80	78.10	1a,3
6500	Sage Green	CrCoNiSi	7.70	23.10	94.60	1,3,6
6503	Taupe	CrFeAlSiZr	6.33	17.60	64.90	3,5,9
6506	Pearl	CrFeCoNiSn	8.80	24.20	102.30	3,6
6527	Shadow	CrFeAlSiSn	6.60	18.70	66.00	3,5,9
6528	Charcoal	CrFeCoSnNi	9.90	29.70	127.60	3,6
6530	Silver	CrFeCoNiSn	9.90	30.80	127.60	3,6
6537	Mouse Grey	CrAlFeSiSnZr	6.33	17.60	72.60	3,5
6540	Blue Grey	CrFeCoNiSn	9.90	31.90	133.10	3,6
6572	Neutral	CrFeZr	6.33	15.40	66.00	3,5
6573	Rose Taupe	ZrVCrSn	7.43	20.90	84.70	3,5,9
6600	Black	CrFcCoNi	8.80	26.40	116.60	1,3,6
6601	Velvet	CrFeCoNiZn	12.10	30.80	127.60	1,3,6
6612	Onyx	CoCrFeNi	12.10	36.30	155.10	1,3,6
6650	Black/Cobalt Free	CrF	7.43	19.80	79.20	3,5
6657	Black	CrFeCo	7.43	19.80	79.20	3,5
6666	Black/Cobalt Free	CrFeMn	6.60	20.90	84.70	3,5
6700	White	ZrAlSi	6.60	16.50	67.10	3,6
6768	Tin White	SnAlSi	115.50	36.30	155.10	3,6,8

See page 10 for reference notes and composition key. NOTE: We have many additional stains from other manufacturers. Please call for specific information.

brent



Electronic speed controls, permanent magnet DC motors and all steel construction are used in our variable speed power wheels (B, C, CXC, and EX). Our foot pedal is the smoothest in the industry, with speed range from 0 to 240 rpm and exceptional power. All wheels are equipped with automatic belt tensioning and belt guards. The steel tables for B, C and CXC are welded from 1/4" steel plate for weight and rigidity; the EX uses 5/16" steel plate. Models B, C, CXC and EX feature modular control for reversing wheel direction and easy repair or replacement of foot pedal and motor. Also available in 220 volt. Most Brent wheels come with a TEN YEAR WARRANTY

MODEL EX

The EX is the most powerful Brent® wheel ever! The heavy-duty 1-1/2 hp, 15 amp motor has the power to center over 450 lbs. of clay. Together with the 5/16" steel table, the EX can handle virtually any throwing project. The EX is driven by an 6-groove poly-v belt for the best combination of power and efficiency.

Includes FREE Splash Pan and 14" Plasti-bat®! Model EX Wheel with Splash Pan.....\$1950.00 MODEL CXC

For years the CXC has been our heavy-duty wheel for the potter requiring strong, consistent performance. It still features all-steel construction, a tough 1 hp motor, 14" head, solid 1/4" steel table and the smoothest 0-240 rpm foot pedal available. The 6-groove poly-v drive belt provides the best combination of power and efficiency. The Brent® CXC wheel can center up to 300 lbs. of clay. Includes FREE Splash Pan and 14" Plasti-bat®!

Model CXC Wheel\$1850.00 MODEL C

The standard no one can match. It centers 225 pounds with a 3/4 hp motor and has a reputation for mechanical efficiency, long life and quiet, vibration-free dependability. The 14" aluminum head runs on permanently sealed double row ball bearings. Includes FREE Splash Pan and 14" Plasti-bat[®]!

Model C Wheel\$1740.00 MODEL B

Designed to fill the needs of school and studio potters. Competitively priced, this wheel is quiet and solid under loads of 150 pounds of clay. The B has the table and drive system of the C, combined with a 1/2 hp motor for the power and weight necessary for school use. Includes FREE Splash Pan and 12" Plasti-bat® Model B Wheel with Splash Pan....\$1690.00

Call us toll free 1.866.410.CLAY

Potters Wheels 14



MODEL ie

The Brent® model ie wheel is economical, wellbuilt, and has many features of the larger Brent® wheels. It has a sturdy 3/16" angle iron frame, recycled high density poly top, and the 1/4 hp motor can handle up to 75 lbs. of clay. The ie has removable legs making it very portable for taking to workshops and demonstrations and can be shipped by UPS.

Model ie Wheel\$1295.00



MODEL ie-x

The ie-x has all of the features of the ie (above) with the following enhancements: 1/3 hp motor that can handle 100 lbs. of clay, reversing switch, 14"cast aluminium wheel head, FREE 14" Plasti-bat®, and FREE splash pan. Includes FREE Splash Pan and 14" Plasti-bat®!

Model ie-x wheel\$1250.00

Splash Pan

A high density polyethylene molded yellow pan which fits all Brent® wheels. This pan is designed to catch excess water and protect the bear-



ings. It snaps under the top bearing housing, with no bolts, screws or pins to get lost. Easily removed for cleaning.

Splash Pan\$54.00

Most Brent Electric Potters Wheels Come With A 10 Year Warranty!



SEAT (as shown on model B)

This sturdy seat attaches directly to Brent® B, C, CXC, and EX wheels. The seat height is adjustable from 19" to 25-1/2" for maximum comfort while throwing. Seat and wheel sold separately.

Seat\$299.00



LEG EXTENSION KIT

Raise your wheel to standing height to reduce stress on your back. This leg extension kit fits wheels B, C, CXC, and EX and adjusts the head height from 31-1/2" up to 42" high.

Leg Extension Kit\$282.00



BRENT® BOOTIES

Potters wheel risers, designed for tall potters who throw sitting down. The Brent® Booties are packaged in sets of three and are designed to fit the Brent® EX, CXC, C, and B potters wheels. Brent® Booties are reversible, allowing you to raise your wheel 2 or 4 inches depending on your need.

Brent® Booties (set of 3).....\$44.00

Serving Schools and Studios Since 1939

15 Potters Wheels

Brent Curved WorkStation Brent WorkTables

Add versatility and convenience to your Brent B, C, CXC or EX wheel with these accessories. Store Clay, modeling tools, brushes and other supplies on the surface or in cup holders to keep them within arm's reach. The Brent WorkStation and WorkTables are 1/3" thick and are made from the same rigid easy to clean material as the AMACO Plast-i-bat and adapt-A-Bat. Both are supplied with steel supports and adjustment/tightening knobs that attach to the two rear legs of the Brent wheel. The Curved WorkStation can be used in conjuction with the WorkTables for maximum convenience.



WorkStation

This one piece table measures 35 1/4" wide by 18 deep and attaches to the wheel legs with four steel supports (two per side). It also has two storage cup holders. The height of the table can be adjusted by using one or both knobs on each side at the same time. Loosen the front knobs, the side knobs (or all four), raise or lower the table to the desired height then tighten to secure.

Brent Curved WorkStation.....\$311.00



WorkTables

These tow tables attach to the wheel legs with the same supports and knobs as the Curved WorkStation except they can be independently adjusted. One table is 16" by 10" and the other is 18" by 10" with a cup holder. Both tables are fully adjustable.

WorkTable Set	\$311.00
16" by 10" WorkTable	\$149.00
18" by 10" WorkTable	



AMACO® Rehabilitation Potter's Wheel No. 16

Designed in coordination with leading rehabilitation and therapy experts, the No. 16 wheel is totally adaptable! It features sturdy construction that adjusts to fit any situation. With a powerful 1/3 HP motor that is reversible, variable speeds from, 0-200 rpm., a cast aluminum head, and a non-breakable splash pan, the No. 16 wheel works in situations where a conventional wheel will not.

Overall dimensions are 47-3/4" wide and 32" deep. Full ten vear limited warrantv.

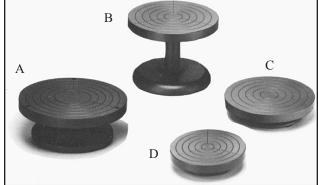
AMACO® Rehabilitation Potter's Wheel No. 16 with standard throwing head and bat pins.....\$3390.00

Shimpo Banding Wheels

Shimpo continues to offer the ideal in banding wheels which create a solid, steady, and reliable surface needed especially when applying delicate and fine touches to your work.

Shimpo Banding Wheels are favored by potters for their:

- * Heavy-duty construction
- * Smooth, precise rotation
- * Ball-bearing engineering (A,C,D)
- * Point socket rotation (B)
- * Concentric circles on wheel head
- * Rust resistant finish.



Key	Model	Table Diameter	Height	List Price	Weight	Ship Wt.
A	BW-30M	11-3/4"	4-3/4"	\$125.00	26 lbs.	28 lbs.
В	BW-25H	9-7/8"	7-1/2"	108.00	16 lbs.	19 lbs.
C	BW-25L	9-7/8"	2-1/4"	96.00	12 lbs.	15 lbs.
D	BW-22L	8-3/4"	2-1/4"	71.00	11 lbs.	13 lbs.
Е	BW-18L	7"	2-1/4"	58.00	7 lbs.	9 lbs.



Amaco #5 Basic Banding Wheel
Good basic economical banding wheel. All Aluminum, perfect for modeling, finishing or decorating, the 7" wheel head is marked with concentric circles. Can be used portable or bolted to a table top. Grooved wheel shank accommodates a small round belt for mechanization.

Amaco #5 Banding Wheel \$44.50

SHIMPO

RK-Whisper

The latest in Shimpo's line of superior products, the RK-Whisper is the next generation of potters wheels. Not just quiet, but QUIET! This wheel is by far the quietest on the market; you can actually throw and hear yourself think at the same time. This wheel features a brushless DC motor and direct drive system (NO BELTS or CONES). The motor is an electronically controlled series of electro magnets. It is operated by a fixed foot pedal with a hand lever. The steel body is durable under all conditions. Five year warranty.

Model RK-Whisper Specifications

Motor: 1/2 HP, 400 W, AC 115V, 60 Hz

Drive System: Direct Drive DC Brushless Motor Speed Control: Fixed Foot Pedal w/ Hand Lever

Wheelhead Speed: 0-250 rpm

Wheelhead Direction: Clockwise/Counter-Clockwise

Centering: 100 lbs.

Wheelhead: 12 inch light alloy casting, drilled for bat pins

Dimension: 20 x 21 x 20" Ship Weight: 135 lbs. **Price \$1373.00**

VELOCITY VL-Whisper

The superior technology of Shimpo's RK-Whisper potter's wheel and the popular features of Shimpo's Velocity V75 potter's wheel have been combined to create the second model in Shimpo's Whisper series potter's wheels, the VL-Whisper. Responsive, high torque at all speeds, powerful and we can now say the quietest wheel in the potter's wheel market. Five year warranty and two piece splashpan included

Model Velocity VL-Whisper Specifications

Motor: 1/2 HP, 400 W, AC 115V, 60 Hz

Drive System: Direct Drive DC Brushless Motor

Speed Control: Remote Foot Pedal Wheelhead Speed: 0-250 rpm

Wheelhead Direction: Clockwise/Counter-Clockwise

Centering: 100 lbs.

Wheelhead: 14 inch light alloy casting, drilled for bat pins

Dimension: 23 1/8 x 27 1/2 x 22 3/4"

Ship Weight: 135 lbs. **Price \$1501.00**

VL-Lite

Designed with the potter in mind, the VL-Lite is a belt-driven lightweight wheel. "Lite" enough to carry yet sturdy enough to throw on. Featuring a remote pedal, two-piece splashpan, workspace, 100-watt reversible motor, an automatic belt-tensioning system and a "Lite" price. Five year warranty.

Model VL-Lite Specifications

Mtor: ½ hp, 100W DC

Speed Control: Remote Foot Pedal Wheelhead Speed: 0-250 rpm

Wheelhead Direction: Clockwise/Counter-Clockwise

Centering: 25 lbs.

Wheelhead: 12" Alloy with Bat-Pins Dimension: 22" x 28" x 21"

Wheel Weight: 51 lbs Ship Weight: 84 lbs **Price \$836.00**

SHIMPO ACCESSORIES

Splash Pans......(call for more information).......\$62.00-\$99.00 Wheel Leg extension kit VL-Whisper......\$209.00

Potters Wheels 16







Shimpo Slab Roller

Heavy-duty slab roller can produce up to a 3" thick slab. Two-roller system evenly distributes pressure on slab to reduce warping. Dual hand wheels and thickness indicator provide synchronized fine adjustment and allow for precise control of slab thickness. Wagon wheel handle provides effortless feeding of slab through rollers in either direction. Large 30" x 50" table. Comes with one canvas set. **Price \$953.00**

SPECIAL: Free Shipping on the Shimpo Slab Roller. Give us the order and we will arrange the free delivery.





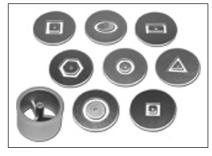
Shimpo Mini Slab Roller

Produces thicknesses up to 1". Weighs only 31 lbs. and had a compact design that makes it easily portable. 16" x 24" Table. **Price \$596.00**



Shimpo Handheld Extruder \$56.00

Shimpo Hollow Die Set \$39.50

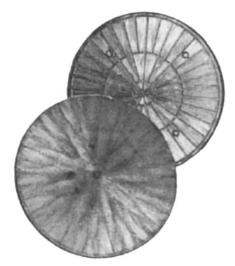




Shimpo Potters Stool \$68.75

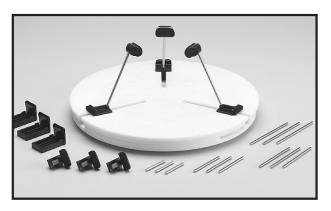
Speedball Bats

Easy lift rim makes removing the bat from the wheel head simple in one easy motion that won't disturb your pot. These injection, molded plastic bats are long lasting-maintaining their shape and size. Speedball bats fit all wheel bat pin hole spacing. 7.5" square bats save room on your shelf so you can store more pots. Unique Speedball bat ribs add strength and durability.



7-1/2" Speedball Square Bat	\$6.00
12" Speedball Round Bat	
14" Speedball Round Bat	\$10.00

Bat Pins



Giffin Grip

A re-centering and holding tool for leather-hard or bisque ware. Designed specifically for trimming, it works equally well with waxing the foot or banding with underglazes or engobes. Three arms gently corral your pot into the center. After an initial one-time adjustment, the Giffin Grip simply snaps on and off your wheel. Includes Giffin Grip, basic and wide slider sets, 2", 4", and 6" arms.

Giffin (- Grip	\$219.00

Plasti-Bat

Plasti-Bat® was designed by studio potters to be a versatile, long-lasting, high-quality bat that is virtually indestructible! Made of 1/4" -3/8" thick, very rigid, high impact plastic, they will provide continuous use, will not splinter, delaminate, swell or shrink. They are easy to clean and are impervious to water and most chemicals.

Plasti-bats drilled with bat pin holes have one oblong hole for a better fit on your AMACO® or Brent® wheel. The holes will remain just as drilled and will not become oversized with use. The surface is a non-absorbent, positive adherence surface that does not allow clay to slide or turn loose while centering. Plasti-bats are lightweight, easy to stack, carry and store. Pots removed from a Plasti-bat® have a totally smooth, clean surface. NOTE: 8" and 10" Plasti-bat® will always be drilled 6" apart to fit Adapt-A-Bat®



Description	Distance	Pins	Price
8" Drilled	6"	2	\$11.10
10" Drilled	6"	2	\$13.45
12" Drilled	10"	2	\$17.50
14" Drilled	10"	2	\$22.25
16" Drilled	10"	2	\$33.90
18" Drilled	10"	2	\$44.50
20" Drilled	10"	2	\$53.00
9x9 Square	10"	2	\$11.10

Adapt-A-Bat

The Adapt-A-BatTM from AMACO® allows the use of 8" and 10" bats on larger wheel heads that are not drilled to accept smaller size bats with holes 6" apart on center. There are two versions available: 1) pre-drilled with holes 10" apart on center or 2) without bat pin holes. Both versions include two bat pins that are 6" apart on center to allow the use of smaller bats.

Adapt-A-BatTM is available individually or as a set that includes the 14" Adapt-A-BatTM plus two 8" and two 10" Plasti-Bat[®] either with pre-drilled bat pin holes or without. One Adapt-A-BatTM, together with several 8" or 10" Plasti-Bats is the perfect solution for high volume production or classroom instruction when smaller objects are being thrown and several students are sharing the wheels.

Adapt-A-Bats are constructed from specially formulated, 1/4" thick tough plastic for strength and long life. They won't swell or shrink, are easy to clean and are impervious to water and most chemicals.

Adapt-A-Bat TM with bat pin holes\$42.40	
Adapt-A-Bat TM plus 2- 8" & 2 -10" Plasti-Bat®	
with bat pin holes)



Brent Pottery Stool

Made from heavy gauge tubular steel with a durable enamel finish. It stands 18" high and can be used with all wheels.

Stool......\$92.00



Brent Ware Cart EX

Designed for stability, convenience and versatility. Stability is achieved by a one-piece construction per side using a single bent 1" heavy walled steel pipe with welded-on shelf supports. Heavy duty Kee clamps are used to connect the sides with three, 1" diameter steel pipes. The ware cart, standing 77" tall, 24" deep and 32" wide, is on swivel casters with 4" rubber tires to give you the convenience of rolling the cart from place to place. Cart is shipped knocked down and can easily be assembled.

Optional shelves (12) are made from 1/2" exterior grade plywood.

Ware Cart with cover....... \$660.00 Ware Cart with Shelves 785.00



Potter's Stool ST 5

Has thin, firm, durable cushion. Manual adjust spindle, 5 leg base for stability.

ST 5.....\$109.00



Brent Kiln Shelf Cart

A mobile, efficient means of loading and unloading your kiln, the Kiln Shelf Cart is 47" high, 35" long and 13" wide. Steel rods keep up to 16 kiln shelves (up to 20" high) stored vertically and separated for less damage. Three shelves give you room for stacking posts, cones, stilts, pots, etc. and are interchangeable with the ware cart shelves.

Kiln Shelf Cart\$703.00



Potter's Stool ST 4

Rugged and contoured seat provides lower back seat support. Made from molded plastic and a firm cushion, durable in the most severe-use conditions. Easy to clean. Air cylinder finger touch height adjustment extents from 16"-23". Five leg base with glides for stability.

ST 4.....\$124.00



Brent Bat Mobile

A great way to store your unused bats. The Batmobile can hold 60-90 bats, depending on thickness and has an adjustable shelf to accommodate 12" to 14" bats. Standing 42" x 35" x 14", the Batmobile's top shelf can also be used on the ware cart.

Batmobile.....\$549.00



SLAB ROLLERS

These sturdy machines are constructed of heavy gauge steel pipe and plate, precision machined parts, permanently sealed bearings and aircraft quality cables. The beds consist of masonite shims which can be removed or added to vary the slab thickness from 1/8" to -1/4" (1" for SRC). A canvas covered removable shim that absorbs water from the clay is used so you can peel off the clay slab easily. The entire shim with clay slab can be removed from the bed. Extra shims available.



The SR-20 is a mid-sized floor model that can produce slabs up to 20"W x 52"L. It includes one 1/4" shim with canvas and one 1/8" plain shim. Maximum slab thickness is 1-1/2". Assembled dimensions: 34"W x 76"L x 40"H. Shown with optional leg assembly.

SR-20 Floor Model.....\$2765.00



The SR-36 is a large floor model that can produce slabs up to 36"W x 52"L. It includes one 1/4" plain shim, one 1/4" shim with canvas, and a 1/8" plain shim. Maximum slab thickness is 1/8". Assembled dimensions: 49"W x 76"L x 40"H.

SR-36 Floor Model.....\$3380.00

IMPORTANT NOTE ON SR-36 SLAB

ROLLER: Because of the amount of clay and the mechanical pressure that is produced rolling a large slab, the middle of the bed may bow slightly, creating a slab that is thinner on the sides. This variation is more evident when rolling thinner slabs—from 1/2" to 3/8". Its affect on thicker slabs is not quite as evident. This is a great slab roller for large projects, but those looking for thin, consistent slabs, may want to purchase one of our smaller slab rollers.



The SR-14 is a large table model that can also be used as a floor model with the optional leg set. It includes two 1/4" shims with canvas and one 1/8" plain shim. Maximum slab dimensions: 14"W x 36"L. Maximum slab thickness is 1-3/4". Assembled dimensions: 27"W x 52"L x 40"H. Shown with optional leg assembly.

SR-14 without leg assembly.... \$1950.00 SR-14 with legs........................ 2240.00



Portable, yet extremely sturdy, this slab roller is compact enough to fit on a table and is ideal for small projects (not for production or school use). It has a solid steel frame and the patented cable drive system of the SRC. It includes one 1/4" shim with canvas and two 1/8" plain shims. Maximum slab dimensions: 14"W x 15"L. Maximum slab thickness is 1/4". Assembled dimensions: 31"W x 26"L x 14"H.

Mini SRC Slab Roller.....\$815.00

Slab Roller Cables



Equipment 20



The SRC is a portable slab roller designed for small projects (not for production or schools). It can be used on a table or as a floor model with the optional leg set and has a patented cable drive system with opposing rollers that produces even pressure along the bed. The SRC comes with one 1/4" shim with canvas, four 1/4" plain shims and one 1/8" plain shim. Maximum slab dimensions: 21"W x 40"L. Maximum slab thickness is 1-1/4". Assembled dimensions: 40"W x 51"L x 40"H.

SRC without leg assembly\$1100.00 SRC with legs 1300.00



Brent Clay Extruder HD

The clay extruder makes thousands of different solid or hollow shapes: tubes, bars, tiles, slabs — the possibilities are endless. Constructed with heavy duty steel pipe with wear and stress points case hardened to withstand all production applications. The barrel is 4" wide and holds 10 pounds of clay. An easy-to-remove end cap holds the die you choose. This hand extruder comes with the hardware needed to be bolted to a wall or table and an optional stand can be purchased to attach it to the end of all Brent® SR model slab rollers. The HD model mounts to the wall. A three piece standard die set is available for a variety of solid shapes. For more intricate use of the hand extruder, a tube die set is available to make hollow round, hexagonal and square extrusions.

Clay Extruder HD	\$650.00
Standard Die Set	
Hollow Die Set	146.70

Pug Mills

Shimpo Pug Mills







Shimpo NRA-04S.....\$4148.00

Shimpo NVS-07.....\$5926.00

Shimpo NRA-04.....\$3472.00

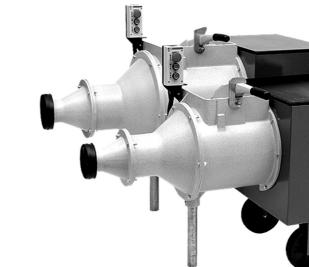




Shimpo PM-07V.....\$3951.00

The Peter Pugger-Mixer

The Pugger-Mixer makes clay mixing quick and easy. Just add water to a batch of dry ingredients in the mixing chamber. Allow the powerful mixing action to completely homogenize the clay body, then switch to pugging action and the Pugger-Mixer unloads itself thru the pugmill, leaving the operator free to cut off and handle the extrusion. Clay handling is greatly reduced without the heavy labor of transferring wet clay from separate mixer to independent pugmill. This saves hours and effort in production. Knowing the true composition of the working clay and convenient salvaging of scrap gives the Pugger-Mixer owner both product control and economy with a single space-saving machine costing little more than individual mixer or pugmill.



Specifications

Specifications	
Model	PM50
Recommended Maximum Batch (dry powder	r)50 pounds
Pug Size	3 inch round
Overall dimensions	46"L x 20"W x 30"I
Standard Motor	2 HP 1 phase
	220 Volt 12 Amp
Extension Cord Wire Size (25 feet max.)	#12
Gear Reducer Oil Capacity	1 pint
Mixing Rate	300# per hour
Pugging Rate	1200# per hour
Shipping Weight	415#
3 phase motors available on special order.	

PM100
100 pounds
4 inch round
58"L x 26"W x 33"H
3 HP 1 phase
220 Volt 16 Amp
#10
2.5 pints
500# ner hour

600# per hour 2000# per hour 625#

Prices	
Cat. No./Model	CCC Price
PM50*	Call
PM100*	Call

Plus Freight Charges - Call For Estimate F.O.B. Columbus Ohio





SC-7

Leapin' Lizard

SC-52

Toad-ily Green

SC-27

Sour Apple

SC-79

It's Sage



Available sizes

- » 2 oz squeeze
- » 8 oz squeeze
- » 16 oz squeeze
- » Gallons (12 col



SC-36

Irish Luck

SC-8

Just Froggy

SC-39

Army Surplus

SC-26

Green Thumb

SC-86

Old Lace





Stroke & Coat® glazes can be applied to wet or leather hard clay as well as bisque, fired from cone 06 to 10, in oxidation or reduction. Apply for all over coverage or in a painterly style, Stroke & Coats® can be the star or play a supporting role in endless glaze combinations. It is the ideal product of choice for the studio, classroom, potter, and fine artists.

Stroke & Coat® Kit 1

SC-KIT1 Contains 12 - 2 oz squeeze bottles, one each of the following colors.

SC-KT1P Contains 12 pint bottles, one each of the following colors.



SC-16 Cotton Tail, SC-6 Sunkissed, SC-75 Orange-A-Peel, SC-74 Hot Tamale, SC-18 Rosey Posey, SC-13 Grapel, SC-11 Blue Yonder, SC-12 Moody Blue, SC-26 Green Thumb, SC-36 Irish Luck, SC-14 Java Bean, SC-15 Tuxedo

Stroke & Coat® Kit 2

SC-KIT2 Contains 12 - 2 oz squeeze bottles, one each of the following colors.

SC-KT2P Contains 12 pint bottles, one each of the following colors.



SC-16 Cotton Tail, SC-24 Dandelion, SC-1 Pink-A-Boo, SC-17 Cheeky Pinky, SC-3 Wine About It, SC-30 Blue Dawn, SC-28 Blue Isle, SC-10 Teal Next Time, SC-8 Just Froggy, SC-20 Birthday Suit, SC-25 Crackerjack Brown, SC-15 Tuxedo

Stroke & Coat® Kit 3

SP-254

Speckled

Vanilla Dip

SP-260

Speckled

Silver Lining

Speckled

Tuxedo

SC-KIT3 Contains 12 - 2 oz squeeze bottles, one each of the following colors.

SC-KT3P Contains 12 pint bottles, one each of the following colors.



SC-16 Cotton Tail, SC-6 Sunkissed, SC-23 Jack O'Lantern, SC-73 Candy Apple Red, SC-1 Pink-A-Boo, SC-3 Wine About It, SC-31 The Blues, SC-12 Moody Blue, SC-27 Sour Apple, SC-36 Irish Luck, SC-48 Camel Back, SC-15 Tuxedo

SP-216

Speckled

Cotton Tail

SP-KIT2 Contains 12 - 2 oz squeeze bottles, one each of the following colors. **SR-KT2P** Contains 12 pint bottles, one each of the following colors.



SP-216 Speckled Cotton Tail, SP-206 Speckled Sunkissed, SP-245 Speckled My Blue Heaven, SP-211 Speckled Blue Yonder, SP-212 Speckled Moody Blue, SP-213 Speckled Grapel, SP-270 Speckled Pink-A-Dot, SP-274 Speckled Hot Tamale, SP-227 Speckled Sour Apple, SP-226 Speckled Green Thumb, SP-254, Speckled Vanilla Dip, SP-215 Speckled Tuxedo.

Speckled Stroke & Coat®





Foundations® Opaque



Foundations® KIT

FN-KIT3 Contains 12 - 4 oz jars, one each of the following colors.

FN-KT3P Contains 12 pint bottles, one each of the following colors.



FN-001 White, FN-002 Yellow, FN-003 Orange, FN-004 Red, FN-005 Pink, FN-017 Purple, FN-018 Bright Blue, FN-019 Dark Blue, FN-007 Green, FN-020 Medium Green, FN-008 Brown, FN-009 Black



Foundations[®]





Available sizes

- » 4 oz jar
- » 16 oz wide mouth pint
- » Gallons (15 colors)

Begin your ceramic project with Foundations® as the surface. Available in gloss opaque, gloss translucent and matte finishes, Foundations® will become an essential building block. Foundations® Opaque, Sheer and Matte glazes are easy to apply, consistent in firing performance and are budget friendly. Foundations® are stable and non-moving, excellent for majolica techniques with Stroke & Coat® and glaze combinations. Foundations® glazes dry quickly, allowing immediate additional decorating and same day firing. Easily apply to leather hard clay for time savings and same day firing. We do recommend leaving an area unglazed, such as the back or bottom of the piece, for outgassing during firing.

Foundations® Sheer



Foundations® Matte



FN-301 Marshmallow White



FN-302 Ivory Cream



FN-304 Black Velvet



Dinnerware Safe



Jungle Gens Crystal Glaze

Available sizes

- » 4 oz jar
- » 16 oz pint







These beautiful glazes transform in the kiln when small pieces of glass frit burst into color and intricate patterns during the firing process. Use alone for stunning effects, in glaze combinations or simply as an accent to your design. The crystals in the glaze will melt when fired, which may cause a textured surface. As that surface may be difficult to properly clean if in contact with food, we recommend crystal glazes to be used on decorative pieces.



CG-716 Pagoda Green



CG-717 Pistachio



CG-718 Blue Caprice



CG-722 Seawind



CG-750 Noel



CG-753 Sassy Orange



CG-756 Firecracker



Black Opal



CG-780 Mystic Jade



CG-783 Strawberry Sundae



Royal Fantasy



CG-786 Obsidian



(G-788 **Dutch Enamelware**



CG-795 Yadro Print



CG-798 Black Iris



CG-954 Wildfire



CG-958 Lagoon Blue



CG-962 Blue Azure



CG-963 Lemon Lime



Kaleidoscope



CG-965 Mocha Marble



CG-966 Tiger Lily



CG-967 Green Agate



Peppermint Twist



CG-969 Floral Fantasy



CG-970 Masquerade



CG-972 Dragon's Breath



CG-973 Alligator



Bloomin' Blue



Ink Spots



Arctic Splash



CG-979 Meadow



CG-980 Coral Puff



Fruity Freckles







CG-984 Ladybug



CG-985 Monet's Pond



CG-986 Smoke and Fire



CG-987 Tree Frog



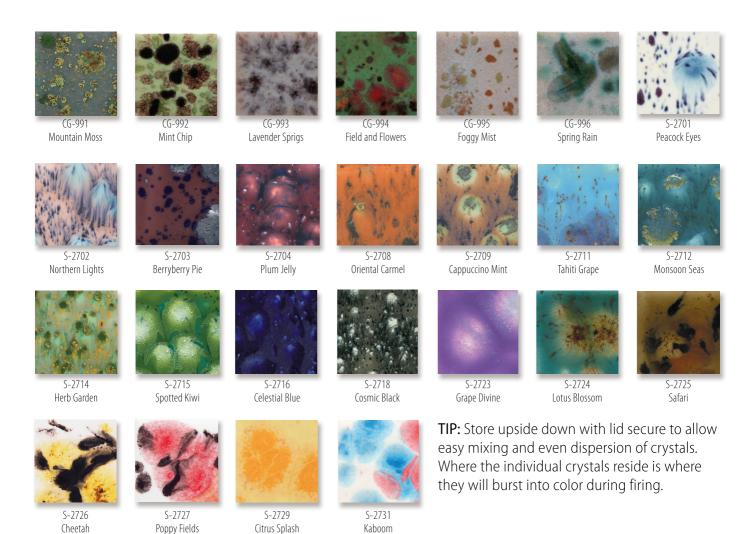
Fireflies



CG-989 Fruit Punch

CG-990 Starry Night

Crystal Glazes





TIP: Have leftover crystals? Just add a complimentary Foundations® glaze for unique results.

Jungle Gems™ Crystal Glazes Kit

CG-KIT2 Contains 12 - 4 oz jars, one each of the following colors.

CG-KT2P Contains 12 — Pints – one each of the following colors.

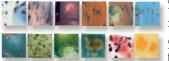


CG–785 Royal Fantasy, CG–974 Bloomin' Blue, CG–717 Pistachio, CG–718 Blue Caprice, CG–753 Sassy Orange, CG–756 Firecracker, CG–962 Blue Azure, CG–780 Mystic Jade, CG–964 Kaleidoscope, CG–798 Black Iris, CG–965 Mocha Marble, CG–970 Masquerade.

Crystalites™ Kit

S2-KIT2 Contains 12 - 4 oz jars, one each of the following colors.

S2-KT2P Contains 12 — Pints, one each of the following colors.



S-2701 Peacock Eyes, S-2702 Northern Lights, S-2704 Plum Jelly, S-2708 Oriental Carmel, S-2709 Cappuccino Mint, S-2711 Tahiti Grape, S-2712 Monsoon Seas, S-2714 Herb Garden, S-2715 Spotted Kiwi, S-2724 Lotus Blossum, S-2727 Poppy fields, S-2729 Citrus Splash



Elements™ & Elements™ Chunkies







Available sizes

- » 4 oz jar
- » 16 oz wide mouth pint



Oyster Shell



Sea Spray



EL-107 Amber Ash



EL-110 Mudslide



EL-118 Blue Grotto



EL-121 Copper Adventurine



EL-125 Sahara Sands



EL-127 Rose Granite



EL-128 Wheat



EL-129 Slate



EL-130 Sea Green



EL-131 Turtle Shell



EL-132 Rust Red



EL-133 Autumn



EL-134 Mirror Blue



EL-135 Rare Earth



EL-141 Aged Bronze



EL-142 Grass



EL-143 Cactus Flower



EL-144 Dark Amethyst



EL-145 Ginger Root



EL-146 Rain Cloud



EL-147 Creek Bed



EL-204 Glowing Embers



EL-207 Gold Mine



EL-209 Night Sky



EL-211 Volcanic Glow







EL-106 Tidal Pool



EL-113 Spanish Moss



EL-117 Waterfall



EL-119 Burnished Steel



EL-120 Black Ice



EL-122 Malachite



EL-123 Patina



EL-124 Stormy Blue



EL-136 Lapis Lagoon



EL-137 Black Aventurine





EL-205 Jade Pebble



EL-208 Moss Creek



FN-215 Aztec Jade



Evergreen Fir



FN-218 Green Sapphire



EL-140 Toasted Almond Our Elements[™] glaze kit contains a collection of our natural earth tone glazes.



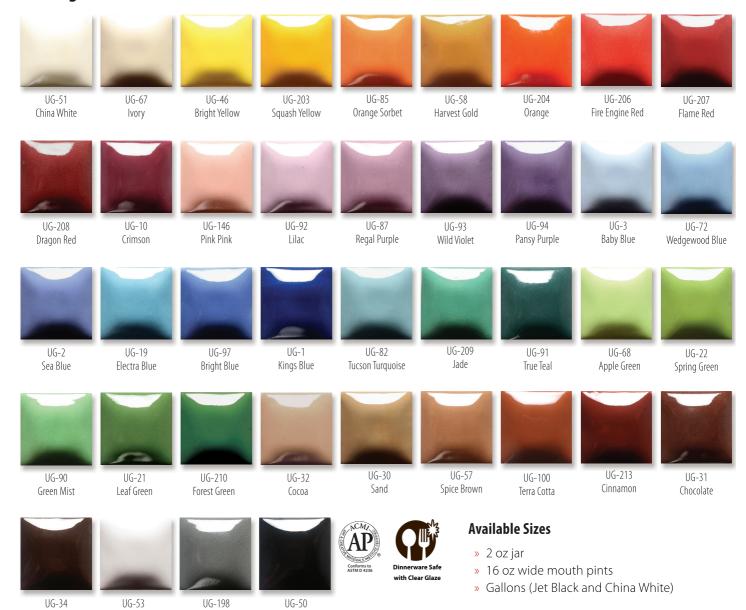






EL-103 Sea Spray, EL-119 Burnished Steel, EL-120 Black Ice, EL-121 Copper Adventurine, EL-122 Malachite, EL-123 Patina, EL-124 Stormy Blue, EL-128 Wheat, EL-130 Sea Green, EL-132 Rust Red, EL-133 Autumn, EL-134 Mirror Blue.

Underglaze



UG-KIT1 Contains 12 - 2 oz jars, one each of the following colors. **UG-KT1P** Contains 12 - Pint jars, one each of the following colors.

Dark Grey

Jet Black

Silver Grey



Chestnut Brown

UG-51 China White, UG-46 Bright Yellow, UG-204 Orange, UG-206 Fired Engine Red, UG-208 Dragon Red, UG-87 Regal Purple, UG-97 Bright Blue, UG-1 Kings Blue, UG-68 Apple Green, UG-21 Leaf Green, UG-31 Chocolate, UG-50 Jet Black.

Underglaze

Underglaze was the first product line our company produced in 1954 and continues to be a staple for many ceramic artists.

Mayco Underglazes are highly versatile – use for all over coverage or in design, apply directly to clay, greenware or bisque. Fires from cone 04 to cone 10. Certified AP Non-Toxic.

Food safe when clear glaze is applied overtop.





Classic Crackles[™]







PC-601 Clear Cascade



PC-602 White Cascade



CC-101 Transparent



White



CC-107 Green Tea



CC-108 China Sea

Cobblestone



Black Cobblestone



White Cobblestone



Sculpting Medium



SG-501 **Sculpting Medium**

Snowfall



SG-302



Snowfall

Designer Liner



with Clear Glaze



SG-401 Black



SG-402 White



SG-403 Red



SG-404 Blue



SG-405 Green



SG-406 Brown



SG-407 Yellow



SG-408 Orange



SG-409 Bright Green



SG-410 **Bright Blue**



SG-411 Purple

Raku Glazes





RK-100 Black Metallic



RK-101 Copper Metallic



RK-103 White Crackle



RK-104 Red



Copper Penny



RK-106 Peacock Matte



RK-107 Oil Slick



Mayco Stoneware glazes offer depth, sophistication, and reliability to artists working from mid-range to high fire temperatures (cone 5-10). The palette is varied in color and finish with classics, crystals, mattes and glossy translucent colors, breaking glazes as well as complex float surfaces. Always test your chosen glaze combination before applying to your artwork. Visit MaycoColors.com to see cone 10 reduction results.

Stoneware Glazes - Classic



Stoneware Glazes - Crystal





Robin's Egg



SW-156 Galaxy

Stoneware Crystal

The Stoneware Crystal collection provides an assortment of Mayco's unique crystal glazes, designed to expand upon the surface with bursts of color where crystals lay. Use alone or in combination with other Stoneware glazes.

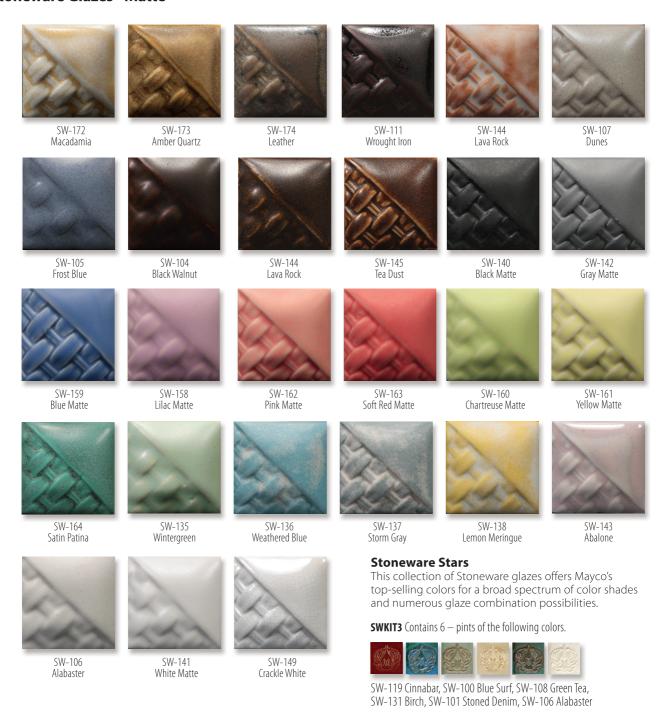
SWKIT4 Contains 6 — pints of the following colors



SW-115 Midnight Rain, SW-116 Robin's Egg, SW-118 Sea Salt, SW-146 Aurora Green, SW-147 Moonscape, SW-148 Lime Shower.



Stoneware Glazes - Matte



Stoneware Clear

Mayco's Stoneware Clear, Matte Clear, Crackle Matte Clear and Zinc-Free Clear will preserve and enhance the surface of your work.



SW-001 Stoneware Clear



SW-002 Matte Clear

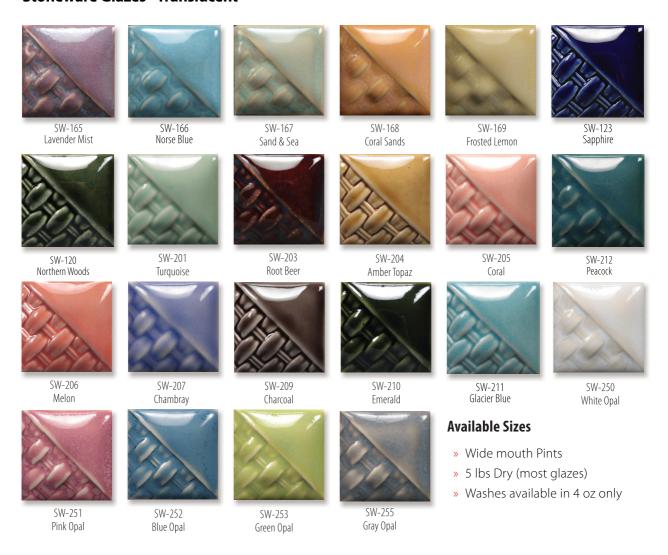


SW-003 Crackle Matte Clear



SW-004 Zinc-Free Clear

Stoneware Glazes - Translucent



Flux

Flux is a flowing glaze intended for use with other Stoneware glazes to enhance movement and promote reactions for interesting effects. Apply over or under other glazes, uniformly brushed or randomly dabbed on with a sponge. Designed to fire to cone 5/6; can be fired to cone 9/10 in oxidation or reduction firings.







SW-401 SW-402 Light Flux Dark Flux

Stoneware Wash

Mayco's Stoneware Washes are a multi-purpose product with limitless possibilities. These washes can be used alone for staining techniques or with any glaze from low-fire (cone 05/06) up to cone 10.



SW-301 Iron Wash



SW-302 Rutile Wash



SW-303 Manganese Wash



SW-304 Copper Wash



SW-305 Cobalt Wash

Columbus Clay Stoneware Glazes Dry cone 4-6

Glazes 22

<u>Number</u>	<u>Name</u>	Description	Price
417	Cherry Amber Red	Gloss semi-transparent fire engine true red glaze	G
421	Mango	Gloss semi-transparent bright orange glaze	G
425	Lemon Yellow	Gloss semi-opaque bright lemon yellow glaze	G
435	Ox Blood	A classic iron saturated glaze with shades of red, brown, and green	D
501	Clear	Gloss transparent glaze	C
502	White Enamel	Gloss white opaque glaze	D
503	Ultramarine Blue	Gloss deep cobalt blue glaze	Е
505	Midnight Black	Gloss black semi-opaque glaze	Е
508	Sea Green Pearl	Semi-gloss blue green rutile glaze	Е
606	Yellow Silk	Gloss light yellow transparent glaze	Е
701	Bone Dry	Very matt off white opaque glaze	A
702	Speckled Bone Dry	Very matt off white w/specks glaze	A
801	Cinnamon Ivory Speck	Gloss orange/brown iron breakup	E
901	Clear Crackle	Gloss crackle glaze	В
FB	Floating Blue	Classic blue cobalt float glaze with rutile and iron	E
CM	Copper Matt	Fires to the color and texture of weathered copper	Е

Note: Please visit www.columbusclay.com for these stoneware glaze color charts

	Price Ch	art	
Category	<u>1-4#</u>	<u>5#</u>	<u>25#</u>
\mathbf{A}	\$6.60	\$26.40	\$105.75
В	\$7.15	\$28.60	\$114.40
\mathbf{C}	\$7.70	\$31.90	\$127.75
D	\$8.25	\$33.00	\$132.00
${f E}$	\$8.80	\$35.20	\$140.75
\mathbf{G}	\$9.35	\$42.90	\$171.75

23 Glazes

AMACO® Gloss Glazes

LG-44

LG-45

LG-46

Cone 05 Lead Free.

			Pint Liquid
	LG-1	Black Magic	\$17.45
	LG-10	Clear Transparent	15.60
	LG-11	Opaque White	17.45
	LG-14	Gray	17.45
	LG-20	Medium Blue	
	LG-21	Dark Blue	24.25
	LG-23	Robin's Egg)	17.45
)	LG-24	Light Blue	
	LG-30	Chocolate Brown	17.45
	LG-32	Metallic Brown	
	LG-34	Red Brown	
	LG-36	Freckled Brown	
	LG-40	Dark Green	
	LG-42	Light Green	17.45
	LG-48	Chrome Green	17.45
	LG-50	Maroon	
	LG-51	Lilac	
	LG-52	Petal Pink	
	LG-54	Mulberry Red	
	LG-55	Purple	24.25
	LG-57	Intense Red	
	LG-58	Brilliant Red	
	LG-59	Hot Red	
	LG-60	Dark Yellow	
	LG-61	Canary Yellow	
	LG-62	Light Yellow	
	LG-63	Brilliant Yellow	
	LG-65	Amber	
	LG-67	Fire Orange	24.25
_	LG-68	Vivid Orange	24.25
	LG-760	Pale Yellow	17.45
centres	LG-2	Black Lustre	
	LG-25	Turquoise Green	
8.7/ 30 30	LG-26	Turquoise	17.45
	LG-27	Turquoise Crackle	

P	LG-1 LG-10 LG-11 LG-20 LG-21 LG-24 LG-32 LG-48 LG-55 LG-55 LG-58 LG-61 LG-65 LG-65	Black Magic Clear Transparent Opaque White Medium Blue Dark Blue Light Blue Metallic Brown Chrome Green Petal Pink Purple Brilliant Red Canary Yellow Amber. Fire Orange	61.00 75.00 87.00 109.00 87.00 87.00 87.00 87.00 109.00 87.00 109.00
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Olive Green

Leaf Green....

Emerald Green ...

CL	LG-46 Leaf Green	87.00
	LG Class Pack 6 colors	116.00
	LG Class Pack #1 12 colo	rs230.00
	LG Class Pack #2 12 colo	rs 216.00
	LG Class Pack K-6 12 col	ors230.00

AMACO® Artist's Choice Glazes

TRIVETEC	7 111 0	ist s choice on	uzes
Cone 05 L Cat. No.	A-24 A-28 A-34 A-43 A-52 A-61 A-62 A-66	Exotic Blue	13.60 13.60 13.60 17.45 17.45 13.60
ACMI CL "THE PLANT OF THE PLANT	A-22 A-32 A-40	Aztec Turquoise Iron Saturate Seafoam Green	13.60
		Pack No. 1 6 Colors Pack No. 2 6 Colors	

AMACO® Matt Glazes

Cone 05 Lead Free. . Cat. No.

INO.			rint Liquia
	LM-1	Satin Black	\$17.45
	LM-10	Transparent Matt	17.45
	LM-11	Opaque White	
	LM-13	Terra Cotta	17.45
	LM-15	Dove Gray	17.45
	LM-16	Elephant Hide	17.45
	LM-20	Blue Iris	
	LM-21	Sky Blue	17.45
	LM-25	Robin Egg Blue	17.45
	LM-30	Cocoa Brown	17.45
	LM-32	Red Brown	22.25
MI	LM-41	Chartreuse	17.45
D	LM-42	Parakeet Green	17.45
1	LM-46	Dark Green	17.45
LS MSTEP 1M	LM-50	Burgundy	22.25
	LM-52	Pink	17.45
	LM-53	Orchid	17.45
	LM-54	Coral	22.25
	LM-56	Red	22.25
	LM-58	Purple	17.45
	LM-60	Daffodil Yellow	17.45
	LM-61	Soft Yellow	17.45
	LM-65	Butterscotch	22.25
	LM-66	Orange	22.25
	LM-67	Tangerine	17.45
	LM-231	Chestnut Brown	17.45
	LM-244	Blue Green	17.45
	LM Class	Pack No. 1 6 colors	101.00
		Pack No. 2 6 colors	
		Pack 12 colors	

Pint Liquid

AMACO® Opalescent Glazes

Cone 05 Lead Free.

17.45

Cat. No.			Pint Liquid
	O-10	Transparent Pearl	\$17.45
	0-11	White Clover	17.45
NCM/	O-12	Tawny	17.45
AP	O-30	Autumn Leaf	
\mathcal{M}	O-42	Moss Green	17.45
Charle Po	O-52	Fuchsia	17.45
	O-54	Dusty Rose	17.45
	O-57	Mottled Burgundy	17.45
ACMI	O-2	Black Tulip	17.45
W. C.	O-20	Bluebell	17.45
	O-21	Aquamarine	17.45
Contorns to AGTM D 4000	O-23	Sapphire Blue	17.45
	O-26	Turquoise	
	O-Class	Pack 6	99.00

AMACO® Teacher's Palette® (TP)
Cone 05 Lead Free. AMACO® Teacher's Palette (TP) and
Teacher's Choice® liquid gloss glazes are completely intermixable so they can be blended with each other or with any of the AMACO* Teacher's Choice* (TC) glazes to create an infinite color palette. The 24 glazes are AP certified, LEAD FREE, dinnerware safe, offer brilliant color, and are safe for use by artists of any age. Try layering patterns and designs with these glazes for a brilliant majolica-style decorative surface. Cat. No. Pint Liquid

		rint Liquia
TP-1	Coal Black	\$14.50
TP-11	Cotton	14.50
TP-15	Gray	14.50
TP-20	Sky Blue	
TP-21	Midnight Blue	
TP-22	Blue Green	
TP-24	Medium Blue	
TP-26	Robin's Egg	
TP-30	Caramel	
TP-32	Fudge Brown	
TP-40	Mint Green	14.50
TP-41	Frog Green	
TP-42	Granny Smith	
TP-42	Granny Leaf	
TP-51		
	Grape	
TP-52	Raspberry	14.50
TP-53	Pig Pink	
TP-54	Lilac	
TP-56	Scarlet	
TP-58	Brick Red	14.50
TP-60	Lemon	14.50
TP-62	Maize	14.50
TP-64	Carrot	14.50
TP-65	Pumpkin	14.50

		(AMI	ACO
CO® Teache			

AMA(

Cone 05 Lead Free. AMACO® Teacher's Palette Light® (TPL) liqud gloss glazes are bright, translucent glazes that are the newest addition to the Teacher's Palette® family. The TPL's are completely intermixable so they can be blended with each other to create an infinite color palette. All 12 glazes are AP certified, LEAD FREE, dinnerware safe, offer brilliant color, and are safe for use by artists of any age. These playful glazes look great over Velvet Underglazes and textured surfaces! Cat. N

No.	Ü		Pint Liquid
	TPL-23	Aquamarine	\$14.50
	TPL-27	Zircon	
	TPL-28	Sappphire	14.50
	TPL-30	Onyx	14.50
	TPL-34	Jasper	
	TPL-44	Peridot	14.50
	TPL-45	Emerald	14.50
	TPL-50	Quartz	14.50
	TPL-55	Tanzanite	
	TPL-59	Ruby	14.50
	TPL-63	Citrine	
	TPL-66	Fire Opal	14.50

AMACO® Crystaltex Glazes

AMACO® Crystaltex Glazes				
Cone 05 Lea	d Free.			
Cat. No.			Pint Liquid	
	CTL-1	Jet Moss		
	CTL-3	Lava		
	CTL-9	Snap Dragon	22.25	
	CTL-10	Fu Manchu		
	CTL-11	Snow Fire		
	CTL-12	Mardi Gras		
	CTL-15	Moon Scape	22.25	
	CTL-22	Milky Way	24.25	
	CTL-23	Moody Blue		
	* CTL-30	Singed Maple	24.25*(1)	
	CTL-31	Brown Earth	24.25	
	* CTL-32	Chocolate Chip	24.25*(1)	
	* CTL-34	Granada	24.25*(1)	
	CTL-35	Nutmeg	24.25	
NCMI	CTL-36	Ginger Bread		
ΛD	* CTL-37	Desert Tortoise	24.25*(1)	
M	* CTL-39	Yellow Universe	24.25*(1)	
STERW S ON	* CTL-40	Forest	24.25*(1)	
	* CTL-41	Melon	24.25*(1)	
	* CTL-43	Aurora	24.25*(1)	
	* CTL-44	Turritella	24.25*(1)	
	CTL-45	Sunset Jewel	24.25	
	CTL-46	Ultramarine Jewel .	22.25	
	CTL-47	Tangerine Dream	24.25	
	CTL-48	Sun and Sea		
	CTL-49	Azurite	24.25	
	CTL-52	Watsonia Red	24.25	
	CTL-54	Firecracker	24.25	
	CTL-61	Buttercup	24.25	
	CTL-67	Summer Mango	24.25	
	CTL-69	Sassy Saffron	24.25	
	CTL-70	Magnolia Jewel	24.25	
	CTL-71	Purple Blaze	24.25	
ACMI CT	CTL-20	Royal Turquoise	22.25	
CL.	CTL-26	Sea Mist	22.25	
CTL Class Pack No.1 6 Colors 260.00				

AMACO® Teachers Choice Low Fire Glazes

CTL Class Pack No.2 6 Colors 132.00 CTL Class Pack No.3 6 Colors 140.00 CTL Class Pack No.4 12 Colors ... 284.00

Cone 05 Lead Free.

Cat. No.			Gallons
	TC-1	Black	\$68.00
	TC-11	White	68.00
	TC-21	Blue	68.00
NCM	TC-32	Brown	68.00
AD	TC-41	Green	68.00
Al	TC-58	Red	68.00
MATERIAL PROPERTY	TC-60	Yellow	68.00
	TC-64	Orange	68.00

AMACO® Alligator Glazes

Cone 05 Lead Free.

Cat. No.	LT-12 LT-13 LT-15 * LT-17 * LT-34 LT-132 * LT-147 * LT-161 * LT-166	Speckled Green Dalmation Speckled Blue Gray Liana Gray Antique Brown Jewel Brown Yellow Green Tiger Eye Mottled Orange	17.45 22.25*(1) 22.25*(1) 17.45 22.25*(1) 22.25*(1)
ACMI BE OF THE PROPERTY OF THE	* LT-3 LT-16 * LT-22 * LT-48	Old Pewter	22.25*(1) 17.45 17.45*(1)

LT Class Pack 6 115.00 Visit our website at www.columbusclay.com

Prop 65 Warning for California Residents: WARNING www.P65Warnings.c WARNING www.P65Warnings.ca.gov

*(1) WARNING: This product can expose you to chemicals including lithium carbonate which is known to the State of California to cause birth defects or other reproductive harm. For more information to go www.P65Warnings.ca.gov.

*(3) WARNING: This product can expose you to chemicals including silica, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

*(4) WARNING: This product can expose you to chemicals including silica, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

to cātise cancer. For more information go to www.ros.warnings.ca.gov.

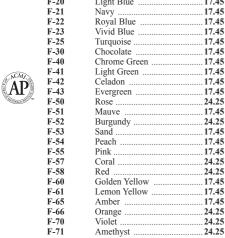
*(5)\(\Delta \) WARNING: This product can expose you to chemicals incliding silica which is known to the State of California to cause cancer, and lithium carbonate, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P5Warnings.ca.gov.



AMACO® F-Series Glazes

Cone 05 Lead Free. The F Series Glazes intense and btillant colors make it a best seller. The F-Series is a simi-opaque and fires to a high

gloss finish which	i maked	it ideal for dinnerware.	
Cat. No.			Pint Liquid
F-	1	Jet Black	\$17.45
F-	10	Clear Transparent	15.60
F-	11	White	17.45
F-	15	Warm Gray	17.45
F-	20	Light Blue	17.45
F-	21	Navy	17.45
F-	22	Royal Blue	17.45
F-	23	Vivid Blue	
F-	25	Turquoise	17.45
F-	30	Chocolate	17.45
F-	40	Chrome Green	17.45



SOUTH THE	F-47	Christmas Tree Green 17.45
AP	F-10 F-11	Gallon Liquid Clear Transparent 61.00 White 84.00

Nairobi Blue

17.45

116 00

220,00

1 lb, dry

F-26

F-27

CL

AMACO® Semi-Moist Underglaze Colors — Lead Free

F Series Class Pack 12.....

F Series Class Pack 6.

These concentrated one-stroke colors in convenient pan form, are especially recommended for ceramic water color effects and for detail painting. May be applied on greenware or bisque. Transparent glazes F-10, LG-10 or HF-10, are suggested for use over decoration

Cat. No.	Description Price		
	Set No. 108, 8 whole pans: Maroon,		
	Light Yellow, Dark Blue, Blue-Green,		
	Dark Green, Black, Light Brown, White,		
	in hinged plastic box, per set\$36.00		
	Set No. 109, 8 whole pans: Lilac,		
	Turquoise, Medium Blue, Pink, Warm Gray,		
	Mahogany Brown, Bright Yellow, Irish Green,		
	in hinged plastic box, per set\$36.00		
	Set No. 110, 8 whole pans: Purple,		
	Light Blue, Aqua, Rose, Orange, Peach,		
	Chartreuse, Sun Tan, in hinged plastic box,		
	per set		
	Set No. 111, 8 whole pans: Electric		
	Blue, Amethyst, Violet, Red, Light Red.		

	in hinged plastic box, per set\$36.	00
Refills:	All colors for sets 108, 109, 110 and 111	
	each (SPECIAL ORDER)\$4.	25
	~~~	

Salmon, Real Orange, Hunter Green,

#### **AMACO®** Engobes In 1 lb. dry jars. Lead Free Cat. No.

			1 10. 41.
	SE-701	Natural Black	\$19.00
	SE-702	Jet Black	19.00
	SE-710	White	14.65
	SE-720	Dark Blue	19.00
	SE-730	Red Brown	14.65
y w	SE-731	Natural Brown	14.65
	SE-740	Dark Green	14.65
	SE-760	Yellow	14.65

Call us toll free 1.866.410.CLAY

#### **AMACO®** Liquid Underglaze **Decorating Colors** — Lead Free

Concentrated opaque liquid colors in ready-to-use form, these colors cover large areas quickly and smoothly. Their opacity counteracts streaking. May be applied on greenware or bisque. Transparent glazes F-10, LG-10 or HF-10, are suggested for use over decoration.

LUG 1	Black	
LUG 10	White	
	~	
LUG 53	Sun Tan	7 <b>.</b> 40
<b>LUG 54</b>	Lilac	7.40
<b>LUG 55</b>	Purple	7.40
<b>LUG 56</b>	Maroon	7.40
<b>LUG 58</b>	Dark Red	7.40
LUG 60	Light Yellow	7.40
LUG 61		
LUG 65		
		Pint Liquid
LUG 1	Black	
	0	
LUG 43		
LUG 50		
<b>LUG 51</b>	Rose	26.90
<b>LUG 52</b>	Peach	26.90
<b>LUG 53</b>	Sun Tan	26.90
<b>LUG 54</b>	Lilac	26.90
LUG 55		
LUG 56		
TOG 03	Orange	20.30
LUG Clas	ss Pack 6	151.00
LUG Clas	ss Pack 12	290.00
	LUG 55 LUG 56 LUG 56 LUG 56 LUG 60 LUG 61 LUG 10 LUG 15 LUG 20 LUG 21 LUG 22 LUG 25 LUG 26 LUG 30 LUG 31 LUG 40 LUG 41 LUG 42 LUG 42 LUG 45 LUG 55 LUG 55 LUG 56 LUG 55 LUG 56 LUG 57 LUG 58 LUG 66 LUG 66 LUG 66 LUG 65 LUG 65	LUG 20         Light Blue           LUG 21         Medium Blue           LUG 22         Dark Blue           LUG 25         Turquoise           LUG 30         Light Brown           LUG 31         Mahogany Brown           LUG 31         Mahogany Brown           LUG 41         Irish Green           LUG 42         Blue Green           LUG 43         Dark Green           LUG 50         Pink           LUG 51         Rose           LUG 52         Peach           LUG 53         Sun Tan           LUG 54         Lilac           LUG 55         Purple           LUG 56         Maroon           LUG 58         Dark Red           LUG 60         Light Yellow           LUG 61         Bright Yellow           LUG 62         Orange           LUG 10         White           LUG 21         Medium Blue           LUG 22         Dark Blue           LUG 23         Light Blue           LUG 24         Turquoise           LUG 25         Turquoise           LUG 30         Light Brown           LUG 31         Mahogany Brown

#### **AMACO**[®] Liquid Underglaze **Decorating Color Sets** — Lead Free

Cat. No.	Description	Price	
	Set No. 712, 12, 2 fluid ounce jars:		
A D	Black, White, Light Blue, Dark Blue,		
Al	Aqua, Light Brown, Blue-Green, Dark-		
ATERN S BELL	Green, Rose, Peach, Maroon, Light-		
	Yellow, per set	\$84.00	
Set No. 812, 12, 2 fluid ounce jars: Warm-			
	Gray, Medium Blue, Turquoise,		
	Mahogany Brown, Chartreuse, Irish-		
	Green, Pink, Sun Tan, Lilac, Purple,		

#### AMACO® K-6 Sampler Class Pack Set

Bright Yellow, Orange, per set.....\$84.00

Cone 06-04. A collection of low fire glazes, two colors each form six popular AMACO glaze series. Class Pack K-6 Sampler 12 .....\$214.00

### Glazes 24

### **AMACO®** Velvet Underglazes

Mix and layer hundreds of colors! Their saturated color, dependability and versatility make Velvets as popular for pros as they are for children. velvets fire true-to-color as a Cone 05/06 underglaze or fired to Cone 6. Try two finish possibilities: When left unglazed, these colors have the rich, textural appearance of velvet; when covered with AMACO Clear transparent Matt or Clear Gloss glaze, they intensify NCM

	NCMI		
Cat. No	$\langle AP \rangle$	2 Fluid	Pint
	Mark of the last	Ozs.	Liquid
V-301	Ivory Beige	\$5.40	\$21.00
V-302	Beige	5.40	
V-303	Terra Cotta		21.00
V-304	Straw		21.00
V-308	Yellow		21.00
V-309	Deep Yellow		21.00
V-310	Tan		21.00
V-313 V-314	Red Brown		21.00
V-314 V-315	Peach		21.00 21.00
V-315 V-316	Light Pink		21.00
V-310 V-318	Rose		21.00
V-320	Lavender		31.00
V-321	Lilac		21.00
V-322	Purple		21.00
V-323	Salmon		18.95
V-325	Baby Blue		21.00
V-326	Medium Blue	5.40	21.00
V-327	Turquoise Blue	5.40	21.00
V-328	Iceberg Blue	5.40	21.00
V-332	Teal Blue	5.40	17.95
V-333	Avocado	5.40	21.00
V-334	Flaxen		
V-336	Royal Blue		45.00
V-341	Blue Green		21.00
V-343	Chartreuse		21.00
V-345	Light Green		21.00
V-350	Orange		21.00
V-353 V-354	Dark Green		21.00 21.00
V-354 V-355	Shadow Green		21.00
V-356	Pearl Gray		21.00
V-350 V-357	Dark Gray		21.00
V-360	White		21.00
V-361	Jet Black		21.00
V-366	Teddy Bear Brown	5.40	21.00
V-367	Mist Gray		
V-368	Antique Ivory		
V-369	Fawn	5.40	
V-370	Velour Black	6.85	31.00
V-371	Rosy Mauve	5.40	
V-372	Mint Green	5.40	17.95
V-373	Medium Brown		
V-374	Royal Peach		
V-375	Maroon		45.00
V-376	Hunter Green		21.00
V-380	Violet		45.00
V-381	Amethyst		45.00
V-382 V-383	Red		45.00 45.00
V-383 V-384	Light RedReal Orange		45.00
V-384 V-385	Cinnamon		21.00
V-386	Electric Blue		21.00
V-387	Bright Red		45.00
V-388	Radiant Red		45.00
V-389	Flame Orange		45.00
V-390	Bright Orange		45.00
V-391	Intense Yellow		45.00
	Pack 6 Colors		
V-Class	Pack 12 Colors	332.00	

Cat. No.	Each
Velvet kit 1 12 Colors 2 oz Jars	59.00
Velvet kit 2 12 Colors 2 oz Jars	59.00
Velvet kit 3 12 Colors 2 oz Jars	59.00
Velvet kit 4 12 Colors 2 oz Jars	59.00

Serving Schools and Studios Since 1939

### 25 Glazes

**AMACO®** Underglaze Decorating Pencils

Ideal for shading, fine line drawing, or identification. Apply to bisque ware to create a variety of unique decorative designs. Maximum firing temperatures is Cone 10 for Blue and Green, Cone 5 for all other colors. Yellow and Brown will fire lighter and Black will turn Green at Cone 5. Black will turn Green at Cone 10.

Cat. No.	Description	Price
	Black	\$14.25
NCM/	Brown	14.25
A TO	Blue	14.25
AP	Green	14.25
The second second	Rose	14.25
Same?	Yellow	14.25

#### **UG Pencil Set**

6 Colors \$84.00

#### AMACO® Mid/High Fire "SM" Satin Matte Glazes for Bisque Cone 05-06

Cat. No.	Pints SM-1 SM-10 SM-11	Black	13.60
AP	SM-20 SM-21 SM-27 SM-42 SM-44 SM-51 SM-63 SM-68	Light Blue	13.60 13.60 13.60 13.60 13.60 13.60

#### **AMACO® Shino Glazes Cone 5**

* PC-20

Influenced by the humble earthiness of tea ceremony bowls, Amaco Shino glazes give a traditional high-iron look to any high fire clay body. Beautiful on textured or smooth clay bodies, blendable to get the right degree of matte or glossy surface. Shino glazes can also be layered with our PC line of glazes for different effects. Suitable for Red or White Clay. Food safe. Cone 5.

Cat. No.	Pints		Price
	SH-11	Chai Gloss	\$13.60
	SH-12	Chai Matte	13.60
	SH-21	Acai Gloss	13.60
	SH-22	Acai Matte	13.60
	SH-31	Cacao Gloss	13.60
	SH-32	Cacao Matte	13.60
	SH-41	Oolong Gloss	13.60
	SH-42	Oolong Matte	13.60
	SH-45	Matcha Gloss	13.60
	SH-46	Matcha Matte	13.60
	SH-51	Hibiscus Gloss	13.60
	SH-52	Hibiscus Matte	13.60
ANTAC	OR III-L	Eine Clares	

#### **AMACO®** High Fire Glazes

HF-1

HF-9

HF-10

HF-11

Cat. No.

ACM/

Cone 5-6 Lead Free. High FireGlazes are a beautiful group of bright and pastel colors for stoneware that are as colorful as earthenware glazes. Pint Liquid

Black .

White ..

Zinc Free-Clear .....

Clear .....

AP	HF-12 HF-55 HF-56	Clear Satin Coral Gloss Red Gloss	27.50
ĆĹ.	HF-26	Turquoise	15.60
			Gallon Liquid
	HF-9	Zinc Free-Clear	64.00
	HF-10	Clear	64.00
	HF-11	White	64.00
	HF-12	Clear Satin	64.00
	HF-127	China Blue	22.25
	HF-129	Baby Blue	15.60
	HF-142	Chartreuse	20.25
	HF-161	Bright Yellow	22.25
	HF-165	Scarlet Red	27.50
	HF-166	Orangerie	27.50
	HF-167	Clementine	27.50
	HF-170	Lilac	27.50
	HF-171	Amethyst	27.50
(I)	HF-125	Turquoise	15.60

Pint Liquid

\$13,60

.13.60

Gallon

\$64.00

64.00

25 lbs. Dry

179.00*(4)

\$198.00*(4)

#### AMACO® Celadon Glazes Mid/High Fire



.....\$13.60

... 13.60

. 13.60

		Pint Liquid
C-1	Obsidian	\$13.60
C-3	Smoke	13.60
C-5	Charcoal	13.60
C-10	Snow	13.60
C-11	Mixing Clear	
C-20	Cobalt	
C-21	Sky	13.60
C-22	Fog	
C-23	Ice	
C-25	Downpour	
C-27	Storm	
C-29	Deep Sea	
C-32	Ochre	
C-36	Iron	
C-40	Aqua	13.60
C-41	Pear	
C-43	Wasabi	13.60
C-47	Jade	13.60
C-49	Rainforest	13.60
C-50	Cherry Blossom	13.60
C-53	Weeping Plum	
C-54	Snapdragon	
C-55	Poppy	
C-56	Lavender	
C-57	Mulberry	
C-60	Marigold	
C-65	Tangelo	
	=	

Most Celadons are also available in Gallons and 10 lbs. Dry. Please contact us for availability.

#### **AMACO® Potter's Choice Glazes Cone 5-6** * PC-12 Blue Midnight

Blue Rutile



* PC-21	Artic Blue	.13.60	64.00	179.00*(4)
* PC-23	Indigo Float	.13.60	64.00	179.00*(4)
PC-24	Sapphire Float	.15.60		
* PC-27	Tourmaline	.13.60	64.00	179.00*(4)
* PC-28	Frosted Turquoise	.15.60	64.00	230.00*(4)
* PC-29	Deep Olive Speckle	.15.60	64.00	230.00*(3)
* PC-30	Temmoku	13.60	64.00	179.00*(3)
* PC-31	Oatmeal	.13.60	64.00	179.00*(4)
* PC-32	Albany Slip Brown	.15.60*(1)	87.00*(1)	230.00*(5)
* PC-33	Iron Luster	.13.60	64.00	179.00*(4)
* PC-34	Light Sepia	.13.60	64.00	179.00*(4)
* PC-35	Oil Spot	.13.60	64.00	179.00*(3)
* PC-36	Iron Štone	.13.60	64.00	179.00*(3)
* PC-37	Smoked Sienna	.13.60	64.00	179.00*(4)
PC-38	Iron Yellow	.13.60		
* PC-39	Umber Float	.13.60	64.00	179.00*(4)
* PC-43	Toasted Sage	.13.60	64.00	179.00*(4)
* PC-44	Sage		64.00	198.00*(4)
* PC-45	Dark Green	.13.60	64.00	179.00*(3)
* PC-48	Art Deco Green	.15.60	87.00	230.00*(3)
* PC-50	Shino		64.00	179.00*(3)
* PC-52	Deep Sienna Speckle	. 15.60	64.00	230.00*(3)
* PC-53	Ancient Jasper	.13.60	64.00	179.00*(3)
* PC-55	Chun Plum		87.00	230.00*(4)
PC-56	Ancient Copper			
* PC-57	Smokey Merlot		87.00	290.00*(4)
* PC-59	Deep Firebrick		64.00	230.00*(3)
* PC-60	Salt Buff		64.00*(1)	179.00*(5)
* PC-61	Textured Amber		64.00	179.00*(3)
* PC-62	Text. Amber Brown		64.00	179.00*(3)
PC-63	Cosmic Tea Dust	.13.60		

PC	Class	Pack #1	6	colors	\$79.00
PC	Class	Pack #2	6	colors	79.00
PC	Class	Pack #3	6	colors	79.00
PC	Class	Pack #4	6	colors	79.00



* PC-1	Saturation Metallic	22.25*(1)	106.00*(1)	290.00*(5)
PC-2	Saturation Gold		64.00	
* PC-4	Palladium	15.60	64.00	198.00*(3)
* PC-25	Textured Turquoise	13.60	64.00	179.00*(4)
* PC-40	True Celadon	13.60	64.00	179.00*(3)
* PC-41	Vert Lustre	13.60	64.00	179.00*(3)
* PC-42	Seaweed	13.60	64.00	198.00*(4)
* PC-46	Lustrous Jade	13.60	64.00	179.00*(4)
* PC-49	Frosted Melon	13.60	64.00	179.00*(4)

Prop 65 Warning for California Residents: WARNING www.P65Warnings.ca.gov 

Aventurine ....

^{*(1) \( \}Delta\) WARNING: This product can expose you to chemicals including lithium carbonate which is known to the State of California to cause birth defects or other reproductive harm. For more information to go www. P65Warnings.ca.gov.

*(3) \( \Delta\) WARNING: This product can expose you to chemicals including silica, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

^{*(4) \( \}Delta WARNING: \) This product can expose you to chemicals including silica, titanium dioxide which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
*(5) \( \Delta WARNING: \) This product can expose you to chemicals incliding silica which is known to the State of California to cause cancer, and lithium carbonate, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P5Warnings.ca.gov.



#### Foundations Opaque (Non-Toxic)

Prod. #	Description	Pint	Gal.
FN-001	White	\$12.50	\$74.00
FN-002	Yellow	12.50	74.00
FN-003	Orange	12.50	74.00
FN-004	Red	12.50	74.00
FN-005	Pink	12.50	74.00
FN-006	Blue	12.50	74.00
FN-007	Green	12.50	74.00
FN-008	Brown	12.50	74.00
FN-009	Black	12.50	74.00
FN-010	Tree Green	12.50	74.00
FN-011	Light Blue	12.50	
FN-012	Lavender		
FN-013	Light Yellow		
FN-014	Antique White		
FN-015	Brick Red		
FN-016	Harvest Orange	12.50	
FN-017	Purple	12.50	74.00
FN-018	Bright Blue		74.00
FN-019	Dark Blue		
FN-020	Medium Green		
FN-021	Olive Green		
FN-022	Tan		
FN-023	Cinnamon		
FN-024	Gray	12.50	
FN-025	Raspberry Whip		
FN-026	Salmon Mousse	12.50	
FN-027	Glade Green		
FN-028	Wisteria Purple		
FN-029	Rich Chocolate		
FN-030	Bing Cherry		
FN-031	Corn Flower Blue	12.50	
FN-032	Canton Jade		
FN-033	Mediterranean Teal		
FN-034	Big Sky Blue		
FN-035	Deep Red		
FN-036	Grape		
FN-037	Chartreuse		
FN-038	Sand	12.50	
FN-039	Bing Cherry		-
FN-040	Pumpkin		
FN-041	Medium Blue		

#### Foundations Sheer (Non-Toxic)

	roundations Sheer (Non-loxic)	
Prod. #	Description Pi	nt
FN-201	Golden Clear\$12.	50
FN-202	Yadro12	50
FN-203	Dry Champagne 12	50
FN-204	Mudpuddle Brown 12	
FN-205	Saddle Tan 12	
FN-206	Lemon Ice	
FN-207	Orange Slice	50
FN-208	Crystal Coral 12	
FN-209	Floral Pink	
FN-211	Sheer Blue	50
FN-212	Blue Diamond	50
FN-213	Saffire Blue	50
FN-214	Pastel Jade	
FN-215	Atzec Jade	
FN-216	Sea Glass	50
FN-217	Evergreen Fir	
FN-218	Green Sapphire	
FN-219	Lustre Green	
FN-221	Milk Glass 12	50
FN-222	Indigo12.	
FN-223	Amethyst	
FN-224	Key Lime12.	
FN-229	Iced Mocha	
FN-230	Poppy	50
FN-231	Clearly Jade	

#### ElementsTM (Non-Toxic)

Prod. #	Description Pint
EL-101	Oyster Shell \$14.25
EL-103	Sea Spray
EL-106	Tidal Pool
EL-107	Amber Ash
EL-110	Mudslide 14.25
EL-113	Spanish Moss
EL-117	Waterfall 14.25
EL-118	Blue Grotto 14.25
EL-119	Burnished Steel 14.25
EL-120	Black Ice 14.25
EL-121	Copper Adventurine 14.25
EL-122	Malachite 14.25
EL-123	Patina
EL-124	Stormy Blue
EL-125	Sahara Sands 14.25
EL-127	Rose Granite
EL-128	Wheat
EL-129	Slate
EL-130	Sea Green
EL-131	Turtle Shell
EL-132	Rust Red
EL-133	Autumn 14.25
EL-134	Mirror Blue
EL-135	Rare Earth 14.25
EL-136	Lapis Lagoon
EL-137	Black Adventure
EL-140	Toasted Almond 14.25
EL-141	Aged Bronze 14.25
EL-142	Grass
EL-143	Cactus Flower 14.25
EL-144	Dark Amethyst
EL-145	Ginger Root
EL-146	Rain Cloud 14.25
EL-147	Creek Bed

#### Elements ChunkiesTM (Non-Toxic)

	Description	Pint
EL-204	Glowing Embers\$	18.75
	Jade Pebble	
EL-207	Gold Mine	18.75
EL-208	Moss Creek	18.75
EL-209	Night Sky	18.75
EL-211	Volcanic Glow	18.75

#### Classic CracklesTM (Non-Toxic)

Prod. #	Description	Pint
CC-101	Transparent Crackle	\$13.05
CC-102	White Crackle	13.05
CC-107	Transparent Crackle White Crackle Green Tea	13.05
CC-108	China Sea	13.05

#### Non-Toxic Specialty Glazes (Non-Toxic)

	Description	4 oz.	Pint
SG-201	Black Cobblestone	\$3.60	\$12.75
SG-202	White Cobblestone	.3.60	12.75
SG-302	Snowfall	.3.95	12.75

#### Pottery CascadesTM (Non-Toxic)

Prod. #	Description	4 oz.	Pint
PC-601	Clear Cascade	\$5.80	\$17.45
PC-602	White Cascade	5.80	17.45

#### Designer Liner (AP Certified Non-Toxic)

Prod. #	Description	1.25 oz.
SG-401	Designer Liner Black	\$4.55
SG-402	Designer Liner White	4.55
SG-403	Designer Liner Red	4.55
SG-404	Designer Liner Blue	4.55
SG-405	Designer Liner Green	4.55
SG-406	Designer Liner Brown	4.55
SG-407	Designer Liner Yellow	4.55
SG-408	Designer Liner Orange	4.55
SG-409	Designer Liner Bright Green	4.55
SG-410	Designer Liner Bright Blue	4.55
SG-411	Designer Liner Purple	4.55

#### Designer Liner Kit (AP Certified Non-Toxic)

	Description	1.25 oz.
DL-KIT:	B Designer Liner Kit (6 colors)	\$25.00
	Includes: SG401, 402, 403, 404, 406, 409	

### Glazes 26

#### Jungle GemsTM Crystal Glazes (Non-Toxic)

Jun	ngle Gems tm Crystal Glazes (Non	1-Toxic)
Prod. #	Description P	int
CG-707	Woodland Fantasy	\$18.75
CG-713	Peacock Green	
CG-716	Pagoda Green	18.75
CG-717	Pistachio	
CG-718	Blue Caprice	
CG-722	Seawind	
CG-750	Noel	
CG-753	Sassy Orange	
CG-756 CG-779	Firecracker Black Opal	
CG-7/9 CG-780	Mystic Jade	
CG-783	Strawberry Sundae	
CG-785	Royal Fantasy	
CG-786	Obsidian	
CG-788	Dutch Enamelware	
CG-795	Yadro Print	
CG-798	Black Iris	18.75
CG-954	Wildfire	18.75
CG-958	Lagoon Blue	
CG-962	Blue Azure	
CG-963	Lemon Lime	
CG-964	Kaleidoscope	
CG-965	Mocha Marble	
CG-966	Tiger Lily	
CG-967	Green Agate	
CG-968	Peppermint Twist	
CG-969	Floral Fantasy	
CG-970 CG-972	Masquerade	
CG-972	Dragon's Breath	
CG-973	Alligator Bloomin' Blue	
CG-977	Ink Spot	
CG-978	Artic Splash	
CG-979	Meadow	
CG-980	Coral Pull	
CG-981	Fruity Freckles	
CG-982	Mixed Melon	
CG-983	Koi Pond	18.75
CG-984	Ladybug	18.75
CG-985	Monet's Pond	
CG-986	Smoke and Fire	
CG-987	Tree Fog	
CG-988	Fireflies	
CG-989	Fruit Punch	
CG-990	Starry Night	
CG-991 CG-992	Mountain Moss	
	Mint Chip	
CG-993 CG-994	Lavender Sprigs	
CG-994	Foggy Mint	
CG-995	Spring Rain	
l		
S-2701 S-2702	Peacock Eyes  Northern Lights	
S-2702 S-2703	Berryberry Pie	
S-2704	Plum Jelly	
S-2708	Oriental Carmel	
S-2709	Cappuccino Mint	
S-2711	Tahiti Grape	
S-2712	Monsoon Seas	
S-2714	Herb Garden	
S-2715	Spotted Kiwi	
S-2716	Celestial Blue	
S-2718	Cosmic Black	
S-2723	Grape Divine	18.75
S-2724	Lotus Blossom	
S-2725	Safari	
S-2726	Cheetah	
S-2727	Poppy Fields	
S-2729	Citrus Splash	
S-2731		

### 27 Glazes

#### Underglazes (Non-Toxic)

Prod.#	Description	2 oz.	Pint	Gal
UG-1	Kings Blue	\$3.95	\$17.35	
UG-2	Sea Blue	3.95	17.35	
UG-3	Baby Blue	3.95	17.35	
UG-10	Crimson	3.95	17.35	
UG-19	Electra Blue	3.95	17.35	
UG-21	Leaf Green	3.95	17.35	
UG-22	Spring Green		17.35	
UG-30	Sand	3.95	17.35	
UG-31	Chocolate		17.35	
UG-32	Cocoa	3.95	17.35	
UG-34	Chestnut Brown		17.35	
UG-46	Bright Yellow	3.95	17.35	
UG-50	Jet Black		17.35	85.00
UG-51	China White		17.35	85.00
UG-53	Silver Grey		17.35	
UG-57	Spice Brown		17.35	
UG-58	Harvest Gold		17.35	
UG-67	Ivory		17.35	
UG-68	Apple Green		17.35	
UG-72	Wedgewood Blue		17.35	
UG-82	Tucson Turquoise		17.35	
UG-85	Orange Sorbet		17.35	
UG-87	Regal Purple		17.35	
UG-90	Green Mist		17.35	
UG-91	True Teal		17.35	
UG-92	Lilac		17.35	
UG-93	Wild Violet	3.95	17.35	
UG-94	Pansy Purple		17.35	
UG-97	Bright Blue		17.35	
UG-146	Pink Pink		17.35	
UG-198	Dark Grey		17.35	
UG-203	Squash Yellow		17.35	
UG-204	Orange		17.35	
UG-206	Fire Engine Red		17.35	
UG-207	Flame Red		17.35	
UG-208	Dragon Red		17.35	
UG-209	Jade		17.35	
UG-210	Forest Green		17.35	
UG-211	Olive		17.35	
UG-213	Cinnamon		17.35	
UG-215	Blush		17.35	
UG-216	Peach		17.35	
UG-217	Red Coral		17.35	
UG-218	Pear Green		17.35	
UG-219	Marine Blue		17.35	
UG-220	Sage		17.35	
0	~0	3.95	17.35	

#### Stroke & Coat

Prod. #	Description 2 or	z. Pint
SC-88	Tu Tu Tango\$3.8	35 \$18.25
SC-89	Cutie Pie Coral	35 18.25
SC-90	Elephant Ears	35 18.25
SC-91	Seabreeze	35 18.25
SC-92	Cafe Ole	35 18.25
SC-93	Honeydew List	35 18.25
SC-95	Pinky Swear	35 18.25
SC-96	Aqu-ward3.8	35 18.25
SC-97	Cant-elope3.8	35 18.25

#### Stoneware Clear (Non-Toxic) Cone 6 to Cone 10

	Description Pint	Gal.
SW-001	Stoneware Clear (Liquid)\$11.25	\$38.00
SW-002	Stoneware Matte Clear (Liquid)	50.00
SW-003	Stoneware Crackle Matte Clear (Liquid)11.25	50.00

#### Non-Toxic Clear Glazes (Non-Toxic)

Prod. #	Description
	Crystal Clear Brushing Pint \$8.75, Gal. \$31.00
	3 Gal. \$72.00
C-300	Matte TransparentPint \$8.75; Gal. \$31.00
S-2000	Crystal Clear Dipping Gal. \$31.00; 3 Gal. \$72.00
NT-CLR	Clear One Dipping

### $Stroke \ \& \ Coat^{\circledast} \ (Non-Toxic) \\ (* \ Available in \ Gallons) \sim Gallon \ \dots \ \$112.00$

	* Available in Gallons) ~		
Prod. # SC-1	Description Pink-A-Boo	2 oz.	\$18.25
SC-1	Melon-choly		18.25
SC-3	Wine About It		18.25
SC-4	Salsa		18.25
SC-5	Tiger Tail		18.25
SC-6	Sunkissed	3.85	18.25
SC-7	Leapin' Lizard		18.25
SC-8	Just Froggy	3.85	18.25
SC-9	Jaded		18.25
SC-10	Teal Next Time		18.25
SC-11	Blue Yonder		18.25
SC-12	Moody Blue		18.25
SC-13	Grapel		18.25
SC-14	Java Bean		18.25
SC-15	Tuxedo		18.25
SC-16	Cotton Tail		18.25
SC-17	Cheeky Pinky		18.25
SC-18 SC-20	Rosey Posey		18.25
SC-20 SC-22	Carrot Top		18.25
SC-22	Jack O'Lantern		18.25
SC-23	Dandelion		18.25
SC-25	Crackerjack Brown		18.25
SC-26	Green Thumb		18.25
SC-27	Sour Apple		18.25
SC-28	Blue Isle		18.25
SC-29	Blue Grass		18.25
SC-30	Blue Dawn	3.85	18.25
SC-31	The Blues	3.85	18.25
SC-32	Bluebeard		18.25
SC-33	Fruit of the Vine		18.25
SC-34	Down to Earth		18.25
SC-35	Gray Hare		18.25
SC-36	Irish Luck		18.25
SC-37	Ivory Tower		18.25
SC-39	Army Surplus		18.25
SC-40 SC-41	Blueberry Hill		18.25
SC-41 SC-42	Brown Cow		18.25
SC-42 SC-43	Lettuce Alone		18.25
SC-45	My Blue Heaven		18.25
SC-46	Rawhide		18.25
SC-48	Camel Back		18.25
SC-50	Orange Ya Happy		18.25
SC-51	Poo Bear		18.25
SC-52	Toad-ily Green		18.25
SC-53	Purple Haze		18.25
SC-54	Vanilla Dip		18.25
SC-55	Yella Bout It		18.25
SC-58	501 Blues		18.25
SC-60	Silver Lining		18.25
SC-65	Peri-Twinkle		18.25
SC-70	Pink-A-Dot		18.25
SC-71	Purple-licious		18.25
SC-72	Grape Jelly		18.25
SC-73	Candy Apple Red		18.25
SC-74	Hot Tamale		18.25
SC-75	Orange-A-Peel		18.25
SC-76 SC-77	Cara-Bein Blue		18.25
SC-77 SC-78	Glo Worm		18.25
SC-78 SC-79	It's Sage		18.25
SC-79 SC-80	Basketball		18.25
SC-80	Cinnamon Stix		18.25
SC-82	Tuscan Red	3.85	18.25
SC-83	Tip Taupe		18.25
SC-85	Orkid		18.25
SC-86	Old Lace		18.25
SC-87	Ruby Slippers	3.85	18.25
			7



#### Speckled Stroke & Coat® (Non-Toxic)

Prod. #	Description	2 oz.	Pint
SP-201	Speckled Pink-A-Boo	\$4.05	\$20.25
SP-206	Speckled Sunkissed	4.05	20.25
SP-209	Speckled Jaded	4.05	20.25
SP-210	Speckled Teal Next Time	4.05	20.25
SP-211	Speckled Blue Yonder	4.05	20.25
SP-212	Speckled Moody Blue	4.05	20.25
SP-213	Speckled Grapel	4.05	20.25
SP-215	Speckled Tuxedo	4.05	20.25
SP-216	Speckled Cotton Tail	4.05	20.25
SP-226	Speckled Green Thumb	4.05	20.25
SP-227	Speckled Sour Apple	4.05	20.25
SP-231	Speckled The Blues	4.05	20.25
SP-237	Speckled Ivory Tower	4.05	20.25
SP-245	Speckled My Blue Heaven	4.05	20.25
SP-253	Speckled Purple Haze	4.05	20.25
SP-254	Speckled Vanilla Dip	4.05	20.25
SP-260	Speckled Silver Lining	4.05	20.25
SP-270	Speckled Pink-A-Dot	4.05	20.25
SP-274	Speckled Hot Tamale	4.05	20.25
SP-275	Speckled Orange-A-Peel	4.05	20.25
SP-277	Speckled Glo Worm	4.05	20.25
SP-288	Speckled Tu Tu Tango	4.05	20.25

#### New Additions To The Mayco Stoneware Line Are Available. See Color Inserts. Call For Pricing.

### Stoneware (Non-Toxic) Cone 6 to Cone 10 (Available in 5 lb. dry ~ Call for price)

TO 1 "	70 1.0
Prod. #	Description Pint
SW-100	Blue Surf
SW-101	Stoned Denim
SW-104	Black Walnut 11.25
SW-105	Frost Blue 11.25
SW-106	Alabaster 11.25
SW-107	Dunes
SW-108	Green Tea
SW-109	Capri Blue
SW-110	Oyster
SW-111	Wrought Iron
SW-112	Tiger's Eye
SW-113	Speckled Plum
SW-115	Midnight Rain 14.75
SW-116	Robin's Egg
SW-117	Honeycomb
SW-118	Sea Salt
SW-119	Cinnabar
SW-120	Northern Woods 11.25
SW-121	Smoke
SW-122	Maycoshino 11.25
SW-123	Sapphire 14.75
SW-124	Matte Maycoshino 14.75
SW-125	Purple Mint
SW-127	Olivine
	OWY 440 A 1 OWY 450 A 1 II A

### SW-128 through SW-179 also available. Please contact us for pricing.

#### Stoneware Ice (Non-Toxic) Cone 6 to Cone 10

Prod. #	Description Pi	int
SW-201	Turquoise \$11	.25
SW-203	Root Beer11	.25
SW-204	Amber Topaz11	.25
SW-205	Coral 14	.75
SW-206	Melon	.75
	Chambray14	
SW-209	Charcoal 14	.75
SW-210	Emerald 14	.75
SW-211	Glacier Blue	.95
SW-212	Peacock11	.25

# empek too

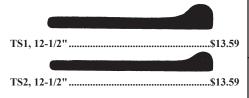
Double "O" Rib, 12"

This rib is hand formed and finished from imported hardwood and is used for cutting, slicing, shaping and smoothing soft clay.



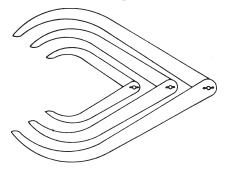
#### **Throwing Sticks**

Patterned from the ancient Japanese egote, these throwing sticks aid in shaping and compressing deep and narrow necked wheel-thrown pieces. These throwing sticks are made in two sizes of fine imported hardwood and are polished to a satin-smooth finish.



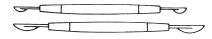
Throwing Stick 11-1/2"

Aluminum Caliper	
AL8 Aluminum Caliper 8"	\$7.79
AL10 Aluminum Caliper 10"	\$8.89
AL12 Aluminum Caliper 12"	\$10.39



#### **CLS Clay Lift Set**

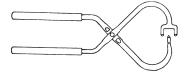
\$9.19 The Clay Lift Set has two double-ended tools with sharpened stainless steel spoons contoured for easy insertion, lifting, and removal from moist clay. Instructions are also included with each set. This set makes possible the creation of many new decorating patterns and varied effects previously difficult to obtain, such as bird feathers, flower petals, and fish scales. The spoons are firmly held by solid brass ferrules to smooth wooden handles. Each tool is approximately 7" long.



#### **DTA Dipping Tongs**

\$12.49

Dipping tongs are used to dip ceramic pieces directly into the glaze. They are made from heavy plated steel and feature four sharp gripping points that make minimal contact with the piece being dipped. The tongs are about 10" long.



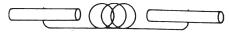
Call us toll free 1.866.410.CLAY

#### F96 Fettling Knife (soft) \$5.99 F97 Fettling Knife (hard) \$5.99



#### **K35** Wire Clay Cutter \$3.49 **K36 Nylon Clay Cutter** \$3.79

Clay Cutters are used for slicing and cutting lump clay. They also cut pots and other items from the throwing head of the potter's wheel. Hardwood 3" toggle handles are firmly fastened to approximately 18" of fine quality stainless steel for the K35.



#### **Finish Rubbers**

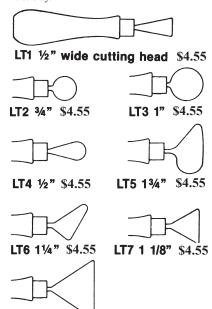
These finish rubbers are molded from pliable rubber in two kidney shapes and two grades of resiliency. They are used for smoothing, shaping and finishing pottery pieces.

FRSS	Small, soft 3-1/8"	\$3.99
FRSM	Small, hard, 3-1/8"	\$4.29
FRSO	Large, soft, 4-1/4"	\$4.49
FRH	Large, hard, 4-1/4"	\$4.49
ر ا		



#### **Loop Tools**

Loop Tools are used to removed controlled amounts and shapes of clay from wheel-thrown pieces and clay sculpture pieces. The shaped cutting heads are made from heavy stainless steel ribbon with sharpened edges. Rugged hardwood handles provide a sure grip and allow easy manipulation of these tools in wet clav.

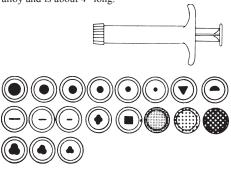


LT8 134" \$4.55

### **Tools 28**

#### K45 Klay Gun

This tool is used to force soft clay through various shaped openings in an assortment of interchangeable discs. The extruded clay shapes can be used for an almost limitless number of decorative effects such as hair, grass, flower stamens, rope, logs, bricks, vines and stems. The Klay Gun is furnished with a set of 19 discs that are formed to allow flush cutoff of the extruded clay. It is constructed of sturdy die cast zinc alloy and is about 4" long.



#### IKEG Klay Extruder Gun

This Calk gun style extruder has a 20 inch long barrel, 2 inches in diameter. Fast action trigger, easy loading, and includes an 1/8", 1/4", 1/2" coil dies and one blank die.

Price.....\$59.99



#### **Hole Cutters**

Hole Cutters provide an easy method for cutting clean holes in wet thick-wall greenware and wheel-thrown items. All four sizes can be used to achieve a variety of designs. The cutting tubes are sharpened polished brass and are set in smooth hardwood handles

HC1 3/16" Hole Cutter	\$4.39
HC1A 1/4" Hole Cutter	\$4.69
HC2 5/16" Hole Cutter	\$4.15
HC3 1/2" Hole Cutter	\$4.79
HC47/8" Hole Cutter	\$10.39



#### Basic Tool, 7-1/2"

This is an all-wood tool that is sharp and pointed on one end and square and flat on the other. It is used for modeling in soft clay, for cleaning hard-to-reach areas on greenware and light sgraffito work.

BAS, 7-1/2" .....\$1.75



#### **ROLLING PINS**

Solid Maple Rolling Pins (Non-bearing handles)

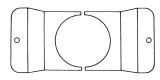
18"	Solid	Maple	\$33.00
		Maple	
		Maple	

### 29 Tools

#### **Pot Lifter**

These Pot Lifts provide an easy method for removing pottery items from the throwing wheel without damage. They are made from rust-free, high-strength aircraft aluminum alloy.

PL1 Pot Lift (pair) 6" wide PL2 Pot Lift (pair) 5" wide \$13.39 \$11.69 PL3 Pot Lift (pair) 4" wide \$10.99



#### **PNH Potter's Needle**

This tool has a heavy sharp needle set in a 1/2-inch diameter hardwood handle. Potters use this tool to cut through and remove the uneven top edge of wheel-thrown items. Tool is 5" long.



#### PRO Tool

\$2,79

This is our heaviest needle tool. The large sharp needle is firmly set in an aluminum handle which is finely textured to provide a firm grip for wet hands. The Pro Tool may be used to cut heavy clay strips, to cut designs in clay, and to put holes in salt shakers. 6-5/8" long.



#### **PCN Potter's Cut-Off Needle** \$1.19

A necessity for all potters, this thin needle set in a hardwood handle is used to cut through and remove the uneven top edge of thrown items. The needle makes a clean smooth cut with a minimum of drag.



Scrapers are used for shaping, smoothing and trimming pottery shapes. The steel scrapers are made from thin flexible spring steel.





S1 Steel, 4-5/8" ..... \$2.55

S3 Steel, 4".....\$2.55





S4 Steel, 3-7/8" ..... \$2.45

SA4 Aluminum ..... \$2.59

S6 Steel, 4".....\$2.35





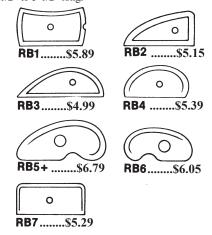
S10 Steel, 3-3/8"..... \$3.05

S11S Steel.....\$3.85



#### Potter's Ribs

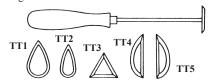
These ribs are made from smooth-finished, imported hardwood. They employ the basic shapes required for opening, shaping, curving, smoothing and trimming wet clay on the potter's wheel. Sizes range from 3-1/2" to 5-1/2" long.



#### **Turning Tools**

\$13.89

Turning tools are used by potters to accurately shape, contour, and trim clay and plaster forms on the wheel. The heavy steel heads are brazed to steel shafts, plated, and firmly set into smooth hardwood handles. TT4 is a right-hand half moon; TT5 is a left-hand half moon. All turning tools are approximately 9-3/4"



#### **SLT Scratch and Lift Tool**

\$5.39

For both sgraffito (scratch) work and clay lifting. Working end is a steel scratch knife, handle is smooth plastic. Length is 7-1/2".



#### WLS Wire Loop Sgraffito \$4.19

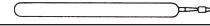
The small wire loops on each end of this tool provide a method of sgraffito in which variations of line width can be made within a single stroke. The furrow created by the loops is smooth and does not exhibit the flakiness usually associated with other sgraffito methods.



#### WS Wire Stylus

\$4.69

The Wire Stylus is a versatile tools for incising greenware. A small wire loop, firmly set in a hardwood handle creates various size furrows, depending on the angle of the point.



#### **CUB Cleanup Brush**

\$6.45

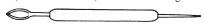
The double-ended cleanup brush is used to clean small, delicate areas in greenware.



#### AB Lace Tool

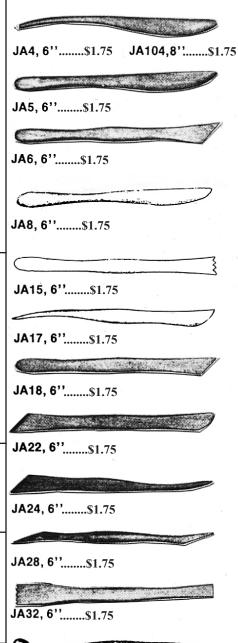
\$3.49

Heavy, sharp needle; curved, pointed stainless steel blade; 5/16" dia. handle, 6-1/2" overall length.



#### JA Series Modeling Tools

Recommended for beginner's. These smooth, handcrafted modeling tools are made from the finest quality boxwood.



#### JAS Series Sculpting Set

JA37,6''.....\$1.75

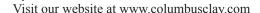
(JA4, 5, 6, 8, 15, 17, 18, 22, 24, 28, 32, 37)

This set contains twelve 6 inch imported wood modeling tools for cutting, slicing, smoothing, contouring and pattern decorating in soft clay.

JA137, 8'......\$1.75

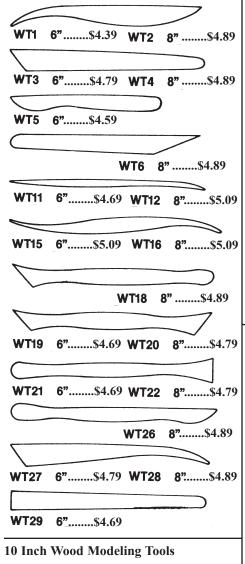
\$17.39

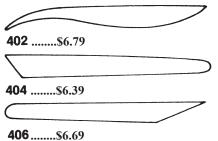




#### WT Series Wood Modeling Tools

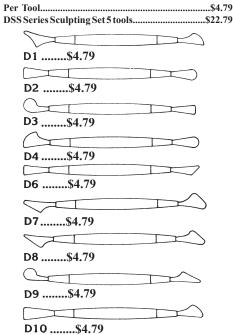
This series of wood tools offers a wide variety of shapes and contours for basic clay modeling. They are used for cutting, slicing, smoothing, contouring and pattern decorating in soft clay. They are made from imported hardwood and have a satin smooth finish. Rigid manufacturing processes assure consistent quality and form.





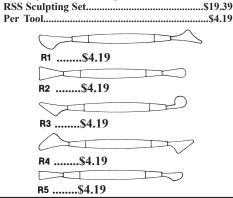
#### **6 Inch Wire End Tools**

Wire end tools are used to remove controlled amounts and shapes of clay. These 6 inch tools are suitable for light cutting and slicing. The ends are made from high-strength music wire and are firmly attached to the hardwood handles with brass ferrules.



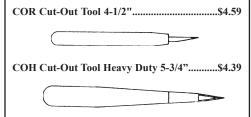
#### RSS Series Sculpting Set (R1 thru R5)

This set contains five 6 inch double ended ribbon tools with a wide variety of shapes used for light cutting and shaping. Designed with the student in mind as well as the experienced sculptor. The set is packaged in a reusable vinyl pouch that can easily be rolled up and stuffed in a pocket.



#### **Cut-Out-Tool**

These tools are used to cut through wet clay to make cut-out designs and openings in slab clay and clay vessels. The COR has a thin double-edged steel blade for thin-wall greenware and delicate work. The COH has a heavier, sharp triangular stainless steel blade that is designed for heavy, thick-wall greenware and pottery.



### Tools 30

#### **8RSS Series Sculpting Set**

This set contains five 8 inch double ended ribbon tools with a wide variety of shapes for medium duty clay cutting, shaping, and slicing. Designed with the student in mind as well as the experienced potter and sculptor. The set is packaged in a reusable vinyl pouch that can easily be rolled up and stuffed in a pocket.

8RSS Set.......\$23.89

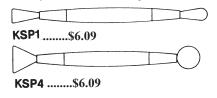
Per Tool ......\$5.25

8R1	\$5.25	
8R2	\$5.25	_
8R3	\$5.25	
~		
V		
8R4	\$5.25	
	1	
8R5	\$5.25	
8R6	\$5.25	
-		

#### **Special Ribbon Tools**

8R7 .....\$5.25

Designed for medium duty pottery and sculpture work, these tools have sharpened stainless steel ribbon ends which are attached to hardwood handles with heavy brass ferrules. 7" long.



#### STH Sculptor's Thumb

\$9.19

This is a compact hand-fitting sculpture tool that duplicates thumb and finger strokes without abrasive wear on the sculptor's hands, fingers, and thumbs. The Sculptor's Thumb is made from imported hardwood and is 5" long.

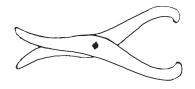


#### Lid Master

Make a lid for any pot. Take one measurement and you have its opposite immediately. A traditional wood workers' tool modified and improved for the potter.

Lid Master 11" Capacity......\$14.95

Lid Master Large 20" Capacity.....\$29.95



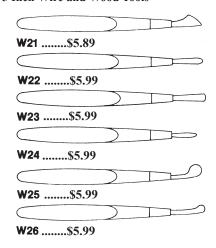
Serving Schools and Studios Since 1939

### 31 Tools

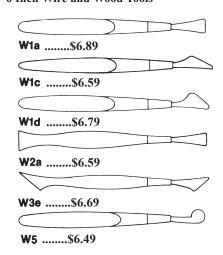
#### Wire And Wood Tools

Wire and Wood Tools are combinations of wood modeling tools and wire tools. The 5 inch and 6 inch Wire and Wood Tools are used for delicate clay removal, modeling and shaping. They are made with plated high strength music wire, brass ferrules and imported hardwood.

#### 5 Inch Wire and Wood Tools



#### 6 Inch Wire and Wood Tools

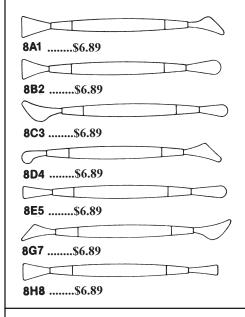


#### Kemper Tools:

DG1	\$5.05
K23	\$3.79
K24	\$3.99
SMS	\$3.35
SWB	\$4.29
WOT	\$6.99
Amaco UG Applicator 16 Gauge	\$6.00
Amaco UG Applicator 18 Gauge	\$6.00

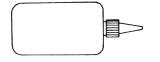
#### 8 Inch Double Wire End Tools

This assortment of 8 inch tools provides the sculptor and potter with a series of shapes designed for medium duty cutting and slicing of clay. The wire ends are formed from high-strength stainless steel and are firmly attached to hardwood handles with brass ferrules.



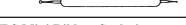
#### STB Slip Trailing Bottle

Slip Trailing Bottles are used by potters and ceramists to flow casting slips, glazes, and engobes onto ceramic pieces in raised decorative designs. The Kemper Slip Trailing Bottle is supplied with a round spout, a ribbon spout, and caps for both spouts. The large capacity polyethylene bottles holds 4 ounces and is easy to hold and squeeze.



#### DBSS Double Ball Stylus Tool \$3.49

Excellent for sgraffito, with variations according to size of ball end. Each tool has a coarse and fine ball of stainless steel, treated for hardness and set in a smooth hardwood handle. The furrow made by the Double Ball Stylus does not create flaking or collapsing of the sgraffito line. 5-1/2" long.



#### MRS Mini Ribbon Sculpting Tools, 5-1/2" Set \$18

Tools, 5-1/2" Set \$18.49
Per Tool \$3.39

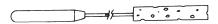
These miniature sculpting tools are made of fine ribbon steel heat treated for maximum strength and are just the answer for your fine sculpting, detailing, and trimming requirements. Firmly set in a 1/4-inch diameter by 5 inch aluminum handle, these tools are ideal for working with clay, greenware, wax, bread dough, plaster or any other modeling medium.

MRS-1	
MRS-2	
MRS-3	
MRS-4	
MRS-5	
MRS-6	

#### K33L Spongette 13"

\$5.69

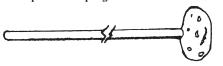
Sponges are used for cleaning, smoothing, and decorating greenware and pottery. The Spongette Tool features a soft cellulose sponge mounted on a convenient handle. The K33L is designed especially for working in deep vessels.



#### **SPG Sponge Holder**

In order to reach the bottom and inside walls of some ceramic pieces, it is sometimes desirable to have a sponge on the end of a long handle. This Sponge Holder consists of a hard wooden handle, special attaching screw and cup washer to firmly hold your favorite sponge. Gouges in the clay workpiece are practically eliminated because the design causes the sponge to surround the metal parts of the holder. The Sponge Holder is approximately 13" long without sponge. (The Sponge is included with the Sponge Holder.)

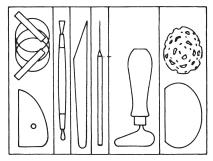
SPG Sponge Holder	\$6.09
SPR Replacement Sponge	



#### PTK Pottery Tool Kit

\$23.99

All the basic pottery tools required for the professional as well as the beginner. The Kemper PTK contains: Loop Tool, Ribbon Tool, Potter's Rib, Needle Tool, Wood Modeling Tool, Sponge, Scraper, Wire Clay Cutter. Kit is packaged in reusable, clear vinyl bag with pockets for each tool.



Budget PTK-8 \$15.89 Budget PTK-9 With Fettling Knife .... \$16.69

#### Raku Tongs

These long-handled tongs are made from rust-free plated steel and are used to safely handle Raku ware without danger of burns to the potter. The jaws are solid and strong yet, can gently grip both large and small Raku pieces. Because the handles are tubular the tongs are both lightweight and strong.

RK 37 Raku Tongs 41" Toothless	\$57.99
RK45 Raku Tongs 31-1/2" Teeth	\$58.99



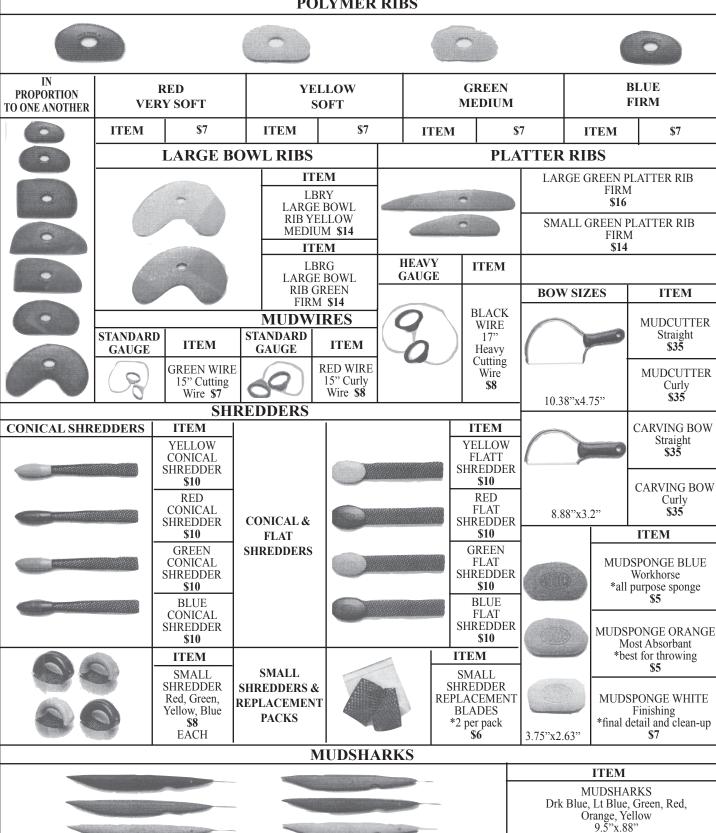
#### Disposable Surgical Scalpel

Perfect for cutting out designs and shapes in moist clay. Surgically sharp, plastic handle, 5 1/2" long.

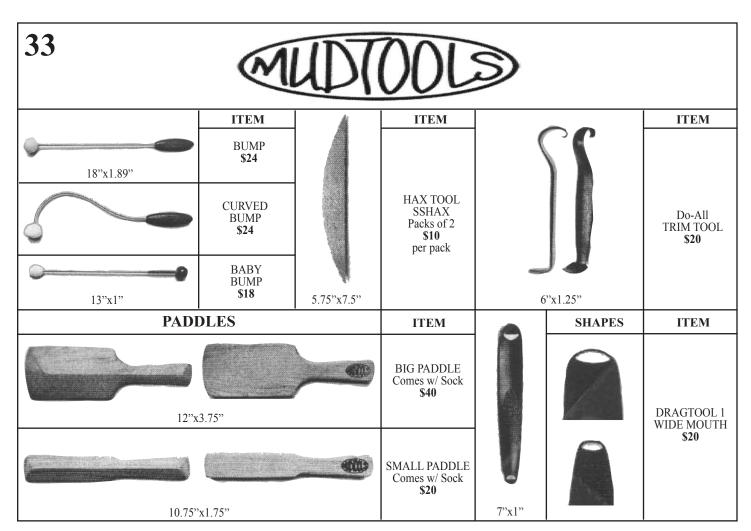




#### POLYMER RIBS



\$8

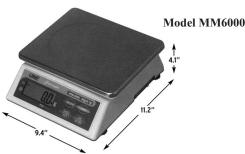




#### **OHAUS MODEL 760 SCALE**

The most versatile of all scales. It features the additional undivided tare beam which makes it possible to counterbalance any container up to 180 grams without extra compensation for the weight of container used. It has a six inch stainless steel plate.

MODEL 760 g	\$248.00
Weight Set	
Scoop, Plastic	
Scoop, Stainless Steel	
Ship Wt. 8 lbs.	



### DIGITAL MM-6000

Capacity: 6000 gm (13 lb.) Accuracy: +/- 1 gram Plater Size: 5" x 8"

Features: Low profile compact size, simple weighing scale suitable for shop, office and factory applications, light weight, totally portable strong ABS housing structure and platter provides years of trouble free operation simple and user friendly design, only minimum maintenance required.

#### **DIGITAL MM-600**

Accuracy: +/- .1 gram

Plater Size: 5.25" x 6.25"

Features: Low profile compact size portable scale, built in weighing, counting and percentage checking function for various applications, equipped with power on zero tracking, re-zero, full tare range, auto calibration, power saving function user friendly operation, minimum maintenance required.

**Capacity:** 600 gm (1 lb. 5oz.)

Price.....\$209.95 Price....\$209.95

### Miscellaneous 34

#### **Glaze Mixer**

A great tool for mixing larger quantities of liquid glaze, engobes, slip, or anything that requires mixing. To operate, this mixer requires a 1/2" capacity variable speed drill.

Price.....\$37.95 New Mini Glaze Mixer (fits in pint jar)........27.00



#### Lab Sieves

Used to screen glazes after mixing and before application to make sure all dry materials are well blended and homogenous. This sieve fits conveniently over a 5 gallon pail. The mesh number indicates holes per square inch.

30, 40, 60, 80, and 100 mesh available.....each \$42.95

#### **Grinding Media for Ball Mills**

Made of high density highly durable alumina porcelain to assure thorough grinding and mixing of glazes. Ball mills should be half full of grinding media for proper milling.

#### Plastic Pint Jar with Lid

Perfect for storing dry or liquid materials such as glazes, engobes, stains, raw materials. Resistant to cracking and warping.

1 Pint Jar with Lid......\$2.50

#### Respirators 3M 8210

A light weight disposable dust mask with rubber straps, good to wear while handling respirable dusts such as silica, manganese, lead, and other clay related dusts. N95 approved.

#### **AMACO Canvas Covered Wedging Board**

A portable work surface for wedging and rolling clay. Ideal for moving and storing hand built projects. The absorbent canvas top for water-based clays prevents work from sticking to work the surface.

AMACO Hydrometer for Specific Gravity.....\$40.30

### Columbus Clay Engobe Cone 5 (dry bisque slip)

This white clay slip is a great base for lining vessels, sgraffito work or adding your own colors to make your own unique colored clay slips (engobes or underglazes). Works well on moist mid-range stoneware or porcelain bodies. Be sure to test on the clay body you use. (see pages 10-13 for stains)

1 lb.......\$5.00

#### **Over Glaze Lusters**

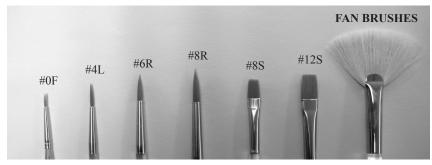
Actual precious metals dissolved in aromatic oils and solvents. Brush on a fired glossy glaze and refire to cone 020 - 018. The results are amazing as 24k gold and platinum bonds to the glaze. Commonly used to band cups or plates on fine china, the possibilities are huge for this unique material. Four lusters available, Gold, Platinum, Mother of Pearl, Essence of Gold.

Liquid Gold cone 018, 11% Top Grade, 2gm (price subject to change)	.\$38.00
Liquid Platinum cone 018, 2gm (price subject to change)	.\$28.00
Mother of Pearl cone 020-019, 7/8oz	.\$12.90
Essence of Gold Thinner/Conditioner, 1/2oz	
Gold and platinum are available in bulk quantities, please call for quote	

### 35 Tools

### **Brushes**

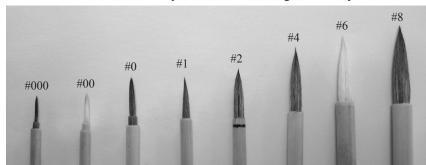
All acrylic handles for long life, natural bristles and extra long length for easy application for your glaze. Overall length 8 inches.



RB-100 #0 Fine Detail	\$6.00
RB-104 #4 Liner Brush	\$6.00
RB-116 #6 Round	\$7.00
RB-118 #8 Round	
RB-108 #8 Shader	
RB-112#12Shader	
AMACO #4 Fitch Fan Brush	*
AMACO #6 Fitch Fan Brush	·

#### **BAMBOO BRUSHES (Japanese)**

Each brush head mounted in a plastic holder for long life. A very economical brush.



#000 Brush Small Detail	\$3.60
#00 Brush Small Detail	\$3.60
#0 Brush Small Detail	\$3.60
#2 Brush Medium Liner	\$4.40
#4 Brush Medium Liner	\$4.80
#6 Brush Large Glaze	\$5.50
#8 Brush Large Glaze	

#### HAKE BRUSHES

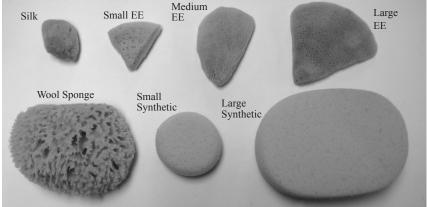
Soft sheephair flat chisel brush with wooden handle and stitched ferrule end. Ideal for covering large areas. Overall length 9 inches.



Small 1-1/8 inch	\$9.70
Medium 2 inch	\$12.10
Large 3 inch	\$17.00
Jumbo 4-1/2 inch	\$23.00

**New: Bamboo Combination Brush....\$7.75** 12 individual snap off brushes, 3 3/4" wide (See website for picture)

### **Sponges**

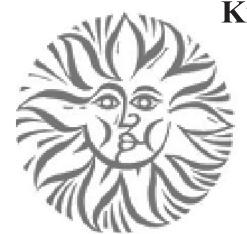


Silk Sponges	\$2.00
Small Round Synthetic	
Mediterranean Wool Sponges, large	
Large synthetic Oval Sponges	
Elephant Ear Sponges:	
Small 2-3"	\$3.00
Medium 3-4"	\$4.95
Large 4-5"	\$7.70



prices effective December 1st, 2018

# SKUTT CERAMIC KILN AND ACCESSORIES PRICE LIST 2019



Model	Phase	Volt	KS Manual Includes Timer	KM Electronic	KMT Touchscreen	APM Element Upgrade	Cone Rating	Chambe Length Wie		Shipping C/Ft Wt Length Width Height
1627-3"PK *	3 3	240 208		\$7,490	\$7,790	\$1,340	10	46"x 30.7	5" x 27"	90.6 535 58" x 50" x 54"
1627-3"PK-LF (ZC not an option)	1 1 3 3	240 208 240 208	  	\$7,490	\$7,790	\$1,340	1	46" x 30.7	'5" x 27"	90.6 535 58" x 50" x 54"
1231-3"PK **	1 1 3 3	240 208 240 208	  	\$4,525	\$4,825	\$740	10	28.13"	31"	53.6 450 42" x 45" x 49"
1227-3"PK **	1 1 3 3	240 208 240 208	  	\$4,395	\$4,695	\$660	10	28.13"	27"	48.1 410 42" x 45" x 44"
1227-3"	1 1 3 3	240 208 240 208	\$3,500 \$3,800	\$3,770 \$3,820	\$4,070 \$4,120	\$660	8 5 8	28.13"	27"	48.1 400 42" x 45" x 44"
+ Blank Ring			\$215							
1222-3" **	1 1 3 3	240 208 240 208	  	\$3,465 \$3,515	\$3,765 \$3,815	\$600	10 8 10 10	28.13"	22.5"	44.8 330 42" x 45" x 41"
1218-3" **	1 1 3 3	240 208 240 208	  	\$3,175 \$3,225	\$3,475 \$3,525	\$420	10	28.13"	18"	44.8 330 42" x 45" x 35"
1027 **	1 1 3 3	240 208 240 208	\$2,695 \$3,265	\$3,195 \$3,245	\$3,495 \$3,545	\$650	10 6 10 10	23.38"	27"	37.7 290 37" x 40" x 44"
+ Blank Ring 1027-3" **	1 1 3 3	240 208 240 208	\$180 \$3,050 \$3,350	\$3,295 \$3,345	\$3.595 \$3,645	\$650	10	22.5"	27"	37.7 320 37" x 40" x 44"
+Blank Ring			\$185			1	1	4.5	"	

Shipping weights are estimates only. Actual weights may vary. Blank ring shipping dimensions: Call for details.

# 37 Kilns

### **SKUTT CERAMIC KILNS**

Model	Phase	Volt	KS Manual Includes Timer	KM Electronic	KMT Touchscreen	APM Element Upgrade	Cone Rating	Chambe Length Wid		Shipping C/Ft Wt Length Width Height
1022 **	1	240		\$2,895	\$3,195	\$545	10	23.38"	22.5"	34.3 240
	1	208								7" x 40" x 41"
	3	240		\$2,945	\$3,245					
	3	208								
1022-3" **	1	240		\$3,005	\$3,305	\$545	10	23.38"	22.5"	34.3 298
	1	208		02.055	<b>02.255</b>					37" x 40" x 41"
	3 3	240 208		\$3,055	\$3,355					
1018**	1	240	\$2,355	\$2,605	\$2,905	\$420	10	23.38"	22.5"	30 250
1018	1	208	\$2,333	\$2,003	\$2,903	\$420	10	23.36	22.3	37" x 40" x 45"
+Blank Ring		200	\$180				1		4.5"	37 X 40 X 43
1018-3" **	1	240	\$2,460	\$2,710	\$3,010	\$420	10	22.5"	18"	30 275
1010 5	1	208	ΨΞ,	ψ=,,,10	Ψ5,010	4.20			10	] 30 270
+Blank Ring			\$185				1		4.5"	37" x 40" x 45"
822 **	1	240		\$2,025	\$2,325	\$450	10	17.5"	22.5"	23.7 170
	1	208								32" x 32" x 37"
822-3" **	1	240		\$2,100	\$2,400	\$450	10	16.5"	22.5"	23.7 180
	1	208								32" x 32" x 37"
818 ***	1	240	\$1,650	\$1,890	\$2,190	\$360	10	17.5"	18"	19 145
	1	208								32" x 32" x 32"
+Blank Ring			\$165				1		4.5"	
818-3" ***	1	240	\$1,720	\$1,960	\$2,260	\$360	10	16.5"	18"	19 160
+Blank Ring	1	208	\$170				1		4.5"	32" x 32" x 37"
818P ***	1	240	\$1,650			\$360	8	17.5"	18"	19 145
0101	1 1	208	\$1,030			\$300	0	17.3	10	32" x 32" x 32"
+Blank Ring	1	200	\$165				1		4.5"	32 X 32 X 32
818P-3" ***	1	240	\$1,720	\$1,960	\$2,260	\$360	8	16.5"	18"	19 160
818-30A-3"	1	208	ψ1,7 <b>2</b> 0	41,500	ψ=,===	4200		10.0	10	32" x 32" x 32"
+Blank Ring			\$170				1		4.5"	
714	1	208/240	\$1,440	\$1,560	\$1,860	\$275	8	14.38"	13.5"	13.2 95
+Blank Ring			\$150				1		4.5"	29" x 28" x 28"
614-3"	1	115	\$1,240	\$1,460	\$1,760	\$275	6	11"	13.5"	13.2 88
										29" x 28" x 28"
609	1	115	\$1,020			\$275	6	11"	9"	5.8 70
	1									29" x 28" x 28"
GlazeTech	1	240		\$1,440		\$150	10	14.5" x 14	.5" 9"	15.4 130
	1	208								32" x 32" x 24"
FireBox 8x4 LT	1	115		\$875			10	8" x 8"	4.5"	4.8 53 24" x 19" x 19"
FireBox 8x6 LT	1	115		\$940			6	8" x 8"	6.5"	4.8 56 24" x 19" x 19"
S-Type Thermocople Upgrade				\$260 (per thermo- couple)						2

Serving Schools and Studios Since 1939

Visit our website at www.columbusclay.com

^{*} Zone Control comes standard on these models.

** Zone Control is available as \$140.00 upgrade on three section models.

*** KS818 Wired Rings are available as a factory installed option at the time of purchase for additional charge.

^{*} Lid Lifter comes standard on 12 and 10 sided kilns.
* Kiln Sitter w/timer are standard equipment on all KS models.
* All kiln prices are FOB Portland, OR

### SKUTT GLASS MASTER

### Kilns 38



GM 818

Skutt Glass Kilns

The Skutt Glass Master Kilns are perfect for fusing, slumping, bead making and annealing large glass sculptures. Each Skutt glass kiln is equipped with the Glass Master controller. This controller is easy to program and offers the artist an array of innovative features. The Clamshell kiln's (GM-22CS) unique design is perfect for the professional studio artist. For beginning glass fusers and glass jewelry makers Skutt offers smaller glass kilns available in 115 volt for household use.



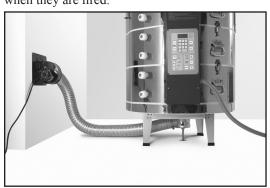
GM 1414 Studio Series

Model	Temp.F.	Internal Dim.	Cu. Ft.	Amps/Volts	Ship. Wt.	C.C.C. Price
GM-814	1800	17.5 x 13.5	2	27/240 V	130	\$1,850.00
GM-1014	1800	23.5 x 13.5	3.3	34/240 V	174	2,120.00
GM-1214-3	1800	28 x 13.5	5	42/240 V	275	2,990.00
GM-1414	1800	41.5 x 24.5 x 13.5	6.7	40/208 V	305	3,400.00
GM-818	1800	17.5 x 18	2.6	27.8/240 V	147	2,025.00
GM-1018	1800	23.5 x 18	4.6	39.4/240 V	196	2,485.00
GM-1227-3	1800	28 x 27	4.6	48/240 V	351	4,000.00
GM-22CS	1800	23.25 x 24.5 x 13.5	4.35	31/240 V	247	3,555.00
GM-10F	1800	10 x 9 x 9	.45	15/115 V	82	1,270.00
Hot Start Pro	1700	15 x 6.5	.6	15/115 V	100	1,110.00
GP-706	1650	15 x 6.5	.6	15/115 V	66	920.00
Fire Box 8	2000	8 x 8 x 4.5	.17	15/115 V	45	575.00

Freight F.O.B. Portland, OR

#### **Skutt Enviro Vent 2**

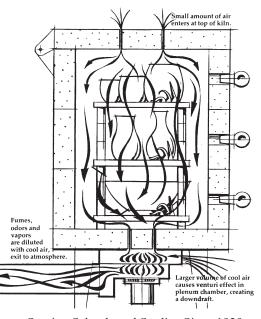
The EnviroVent 2 is a Downdraft Ventilation System designed to extract fumes from your electric kiln and vent them outdoors before they have a chance to enter the room. Because it is a Down-Draft Ventilation System the EnviroVent 2 also improves the firing atmosphere in the kiln while it is protecting you from the odorous fumes that can be emitted from certain clay bodies and glazes when they are fired.



Call us toll free 1.866.410.CLAY

- -Vent 2 kilns or large ovals with 1 motor.
- -Spring loaded plenum cup assures a tight, leak-free seal throughout the firing process.
- -Negative pressure means no leaking.
- Ability to program on/off with Skutt controller.
- -U.L. Listed venting system with Skutt kilns.
- -Only U.L. Listed venting system with Skutt Kilns.
- -Optional floor mount kit and 4" adapter included free.
- -Remote mounting equals no vibration and longer motor life.

Enviro Vent 2	\$545.00
Dual intake kit	\$160.00
8' extension kit	\$32.00
Enviro Link	\$135.00



Serving Schools and Studios Since 1939

### 39 Kilns

### **SKUTT REPAIR PARTS**

Model No.	Description	Price	Model No.	Description	Price
	Elements			Bricks	
All elements are	pre-formed and are accompanied by connectors and it	instructions.	1627-3"	:	\$14.00-\$14.50
Be SURE to stat	te model number and voltage!		Please specify: S	Straight, Straight End, Peep, Terminal, Thermocoup	ple, or KS
714	Elements 240V or 208V 1 Phase	\$44.00	All 12 Sided Kil	lns S	\$14.00-\$14.50
818	Elements 240V or 208V 1 Phase	44.00	Please specify: S	Straight, Straight End, Peep, Terminal, Thermocou	ple, or KS
818-3"	Elements 240V or 208V 1 Phase	44.00			
1018	Elements 240V or 208V 1 Phase	56.00	All 10 Sided Kil	Ins - Also available in 3"	\$13.50-\$14.50
1018-3"	Elements 240V or 208V 1 Phase	56.00	Please specify: S	Straight, Peep, Terminal, Thermocouple, or KS	
1027	Elements 240V or 208V 1 or 3 Phase	56.00			
1027-3"	Elements 240V or 208V 1 or 3 Phase	56.00	All 8 Sided Kiln	s - Also available in 3"	\$13.50-\$14.50
1227-3"	Elements 240V or 208V 1 or 3 Phase	56.00	Please specify: S	Straight, Peep, Terminal, Thermocouple, or KS	
1227-3"PK	Elements 240V or 208V 1 or 3 Phase	56.00			
1231-3"PK	Elements 240V or 208V 1 or 3 Phase	56.00		Lids and Slabs	
1627-3"PK	Elements 240V or 208V 1 or 3 Phase	48.00	0833	Lid - 818	\$185.00
			0817	Slab - 818	175.00
	Electrical Accessories				
0016	Analog Pyrometer w/Thermocouple	\$160.00	0160	Lid - 1027	\$225.00
0021	Replacement Thermocouple for Analog	42.00	0161	Slab - 1027	210.00
2783	Dual Input Digital Pyrometer w Thrmo	130.00			
2795	Replacement Thermo for Digital Pyro	40.00	0090	Lid - 1227-3"	\$345.00
	Infinite Switch 120V	41.00	0361	Slab - 1227-3"	330.00
	Infinite Switch 240V	41.00			
0243	New Style 3 Heat Switch Package	35.00		Kiln Sitter	
0244	Feeder Wire Set - New Style 3 Heat Switch	1 <b>8.00</b>	0339	Tube Assembly - 7" Long - 818, 1027	\$52.00
Per Foot	14 Ga AWG Nickel Wire	5.25	0369	Tube Assembly - 7.5" X-Long - 1227-3"	52.00
	KM Thermocouple Replacement	18.00	0113	Cone Rests - 1 Pair	10.00
2139	Relay - Black Case 25 Amp	30.00	0873	Gauge Washer - KS Calibration	6.00
1517	Relay - Clear Case 25 Amp	33.00	0285	Claw with Guide Plate	16.00
1583	KM Element Feeder Wire Set 1027/1227	44.00	0122	Switch Block w/ Contact Plunger	80.00
2560	KM Harness Wire Set 1027/1227 1 Phase	33.00	0851	Timer Motor - New Style	70.00
2561	KM Harness Wire Set 1027/1227 3 Phase	34.00	KS-LT-3K	Model LT-3K Kiln Sitter w/ Tube Assembly	185.00
1519	Terminal Strip Replacement	24.00			
1518	Transformer	32.00			
1507	Touchpad w/ Circuit Board (Type K)	300.00	_	more parts than are listed here? We h	
	Power Cord Sets and Plugs			on of parts in stock and we can special	order parts
714	Power Cord Set - KS or KM	\$62.00	for you that a	aren't in stock.	
818, 1018	Power Cord Set - KS or KM	55.00			
1027, 1227	Power Cord Set - KS or KM 1 Phase	98.00	We service	and repair all equipment brands that	we sell If
1027, 1227	Power Cord Set - KS or KM 3 Phase	125.00			
0879	Plug 1 Phase - NEMA 6-50	58.00	•	lp troubleshooting or simply need a re	
0819	Plug 3 Phase - NEMA 15-50	73.00	contact us. S	Service calls and in-house repairs are a	ıvailable.

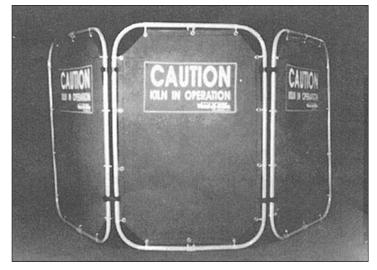
ALL SKUTT PARTS/AUTOMATIC & MANUAL AVAILABLE UPON REQUEST CALL FOR CURRENT INFO & PRICING

### Kiln Safety Screen

Designed to keep kiln area clear and protect students and employees from possible injury when kiln is in operation. To create a highly visible warning, the screen is imprinted with the words "CAUTION KILN IN OPERATION" in yellow print.

Made with fire retardant canvas curtains and sturdy aluminum tubing frames, each panel measures 2' x 3'. Three panels are included in a set. Additional panels may be purchased to cover larger areas. Shipped unassembled, all necessary parts are included for assembly.

Cat. No.	Description	Price
VAK11-KS3	Kiln Safety Screen — 3 panel set	\$156.00
VAK11-KS1	Extra Screen Panels with clips, each	55.00



### Vulcan Kilns

## Kilns 40



265 G oval with kiln sitter & LT3 timer

Vulcan Kilns is a family-owned kiln manufacturer located in Dayton, Ohio since 1958. Vulcan offers a full line to meet your needs including kilns designed for Ceramics, Pottery, China, Porcelain, Jewelry, PMC Metal as well as Test Ovens for manufacturing applications. Vulcan Kilns are engineered to be the highest quality kiln on the market.

- * Solid one-piece construction-will not loosen up
- * 2 Year Warranty
- * Full stainless steel jacket, including bottom
- * Sturdy brick design
- * High quality materials
- * Built to last for many years
- * Orton Auto Fire computer controller on all automatic kilns, AF3 or

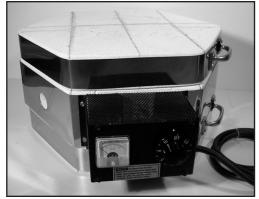
Vulcan Kilns can also custom design a kiln for your specific application.

265 G oval with kiln sitter & Li	Cone	Internal			Manual	Auto Fire
Model	Temp. F	Dimensions	Cu. Ft.	Amp	Price	Price
JK-1 Test Kiln W/Pyro.	6/2250	6"w x 6"d x 4 1/2"h	.1	10/115v	\$365	\$675 AF3
JK-X Deluxe Test Kiln	6/2250	6"w x 6"d x 6 1/2"h	.135	10/115v	\$425	\$740 AF3
111F W/Pyro	6/2250	11"w x 4 1/2"h	.31	14/115v	\$520	\$770 AF3
112 F Counter top Kiln	9/2300	11"w x 9"h	.57	18/115v	\$780	\$910 AF3
172 Oval small Kiln	6/2050	17"w x 11"d x 11"h	1.0	18/115v	\$900	\$1020 AF3
172 Oval small Kiln	9/2300	17"w x 11"d x 11"h	1.0	12/230v	\$900	\$1020 AF3
174 F Kiln	9/2300	17 3/8"w x 18"h	2.6	22/230v	\$1175	\$1375 AF3000
175 F Kiln	9/2300	17 3/8"w x 22 1/2h	3.25	26/230v	\$1475	\$1585 AF3000
216 F Kiln	9/2300	21"w x 27"h	5.2	30/230v	\$1850	\$2100 AF3000
246 F Kiln	9/2300	23 3/8"w x 27"h	7.0	45/230v	\$2150	\$2400 AF3000
265 G oval Kiln	9/2300	26 1/2"w x 17"d x 22 1/2"h	5.25	40/230v	\$1850	\$2400 AF3000
336 G oval Kiln	9/2300	33 1/2"w x 23"d x 27"h	10.20	48/230v	\$2700	\$3000 AF3000
417 G large oval Kiln	9/2300	41"w x 25"d x 27"h	13.8	67/230v	\$3600	\$4200 AF3000

NOTE: All manual kilns include a LT3 safety timer, EXCEPT the JK-1 test kiln and 111F which include analog pyrometer. Price are for pick up at Columbus Clay ONLY. Extra charges apply for shipping kilns, please call for more information.



JK-1 with Pyrometer



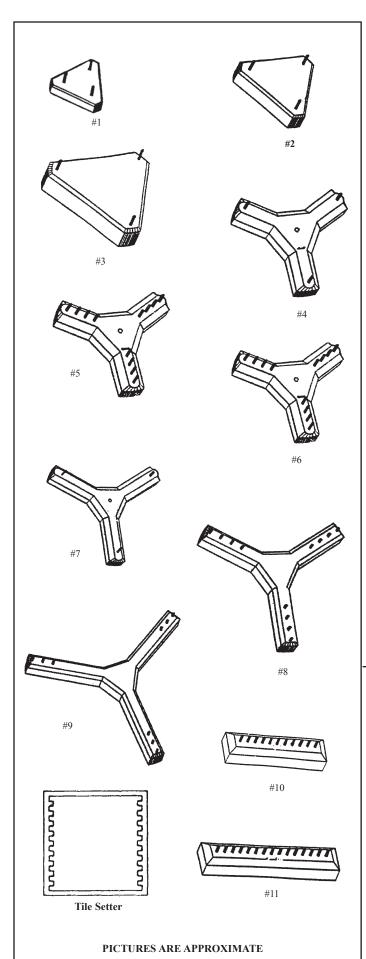
111 F with Pyrometer

# 41 Kilns

41 N	11115							
Kiln S	helves and Po	osts		Other Shelves	Thick		hape	Price
Diameter	Thickness	Shape	Price	4-1/2 x 4-1/2 26 x 14	1/2" 5/8"		quare ectangula	\$11.00 ar <b>66.0</b> 0
	meter Kilns	<b></b>		20 x 14 21 x 15	3/4"		ectangula	
13-1/2	5/8"	round/full	\$28.00	12 x 24	1/2"		ctangula	
13-1/2	5/8"	round/half	15.50	12 x 24	1"	re	ectangula	ar <b>60.0</b> 0
	meter Kilns	10 0110/11011	10,00	<b>Custom Shelves</b>				
15-1/2	5/8"	round/full	\$35.00	As a service to our custo				helves to your
15-1/2	5/8"	round/half	18.75	dimensions. For pricing i	informa	ation contac	t us.	
-	meter Kilns	10 0110/11011	101.0	All shelves are made	of co	rdierite.		
19	3/4"	round/full	\$57.00	<b>Posts:</b> 1-1/4" I.D. by 2" (	O D (I	Dound chalf	cupport	a)
19	3/4"	round/half	29.75	•	O.D. (1 Price	Height	supports	s) Price
	meter Kilns		_,,,,	1"		8"		\$2.70
21	5/8"	round/full	\$59.00	2"				\$3.00
21	5/8	round/half	32.00	3"				\$3.85 \$4.50
	meter Kilns	- 0 00-00		6" <u>\$</u>		14"	•••••	54.50
26	5/8"	round/half	\$46.00	0	2.50			
26	1"	round/half	73.75					
CCKIT #2  CCKIT #3  CCKIT #4	Aim 2927 Olympic #2827, 2831 Skutt 1027, 1027-3 Aim 2327, Vulcan 246 Olympic #1827 Skutt 1018 Olympic #1818, #1823 Skutt 818 Vulcan 174F Olympic S18A, S1823	2 lb. of ki Shelves: 2 Posts: 6 ea 2 lb. of ki Shelves: 1 Posts: 6 ea 1 lb. kiln v Shelves: 2 3 half hex	In wash 2 full 21" diamach of 2, 4, 6 In wash full 21" diamach of 2, 4, 6 wash 2 full hex she shelves, 15-	elves, 15-1/2" wide;		\$412.00 \$339.00 \$205.00	0	\$339.00 \$242.00 \$164.00
	Accessories emp. Repair Kiln Cement	1 lb. kiln v	\$6.00/lb.	Kiln wash Cone holders CHJ (small	l)			See Page 8 \$4.15
Kiln Safety			\$15.65/pr	Cone holders CHS (large	e)			\$4.85
Skutt Hi-Temp. pyrometer digital with thermocouple		:	\$130.00/ea.	Element Pins (pkg of 12) Element Staples (pkg of				\$4.50 \$5.10
Kiln peep ho	ole plugs (hollow cast)		\$5.45/ea. Raku gloves (Zetex)					\$97.00/pr.
Insulating fi			\$7.25/sq. ft. Raku gloves (leather) Soft Firebrick (ungrooved)		d)			\$21.95/pr.
				9" x 4 1/2" x 2 1/2"	u)			\$9.00

9" x 4 1/2" x 3"

\$10.80



### Kilns 42

Stilts			
Item	# Pins	Diameter/Length	Price
1	3	.5 inch	\$ .98
2	3	1.0 inch	1.06
3	3	1.5 inch	1.48
4	3	2.25 inch	1.65
5	12	2.25 inch	2.39
6	12	3.65 inch	2.79
7	3	3.65 inch	2.11
8	12	5.50 inch	5.82
9	9	7.50 inch	6.69
10	11	3.00 inch	2.37
11	15	4.00 inch	2.20
These sti	ilts are rated t	o cone 11, however we recon	mmend stilt-
ing for c	one 06-04 firi	ngs.	

#### Refractories

Tile Setters for 6x6	\$35.00
Tile Setters for 4x4	35.00
Plate Setter 10-1/2x12x2-1/2	15.95
All Ceramic Stilt Assortment (100)	35.00
NEW Bead Post Set w/6, 6" Rods	

#### **High Temperature Wire**

Special high-temperature alloy wire can be used for any project that requires wire support in high temperatures of ceramic kilns; bottle sagging, bead supports, special stilts, element pins, kiln furniture, cone holders.

12" Rods 1/8 Diameter	\$8.50
36" Rods .085 Diameter	12.00
10' Coil 17 Gauge	7.45

#### **Element Pins and Staples**

Sharp-ended for easy insertion in the kiln wall, these devices hold loose kiln elements in place. Made of a high temperature resistant alloy for temperatures to 2500°F (Cone 13) Package 12 per package. 1 1/4" long



### **ORTON Pyrometric Cones**

Pyrometric cones measure heat-work (the effect of time and temperature). Pyrometric cones are slender pyramids made from about 100 carefully controlled compositions. Each cone number is unique in measuring temperature within a small temperature range (less than 30°C). Cones measure the amount of heat absorbed. As the cone nears its maturing range, it softens and the tip begins to bend, drawn down by the influence of gravity. We Carry a large line of Orton Cones for all your firing needs.

Small Cones (SRB) 022 through cone 13 Box of 50	\$9.60
Large Cones (LRB) 019 through cone 13	
Box of 50	\$13.40
4 hole cone plaque	. \$1.25
<b>Self Supporting Cones (04, 05, 06, 4, 5, 6)</b>	
Box of 25	. \$9.60
NOTE: VERY IMPORTANT! Make sure you are or	dering
the right cones! Cone 6 is a higher temperature than c	
If you are not sure of which cone to use, please give us a	

# **43 Cone Chart**

### Temperature Equivalents (°F) Orton Pyrometric Cones

	Large Cones		SMALL Cones		
	Heating 1	rate °F per ho	ur (last 200°	ast 200° of firing)	
Cone	108° F	270° F	108° F	270° F	
022	N/A	N/A	1087	1094	
021	N/A	N/A	1112	1143	
020	N/A	N/A	1159	1180	
019	1249	1279	1252	1283	
018	1314	1350	1319	1353	
017	1357	1402	1360	1405	
016	1416	1461	1422	1465	
015	1450	1501	1456	1504	
014	1485	1537	1485	1540	
013	1539	1578	1539	1582	
012	1576	1616	1582	1620	
011	1603	1638	1607	1641	
010	1648	1675	1657	1679	
09	1683	1702	1688	1706	
08	1728	1749	1728	1753	
07	1783	1805	1789	1809	
06	1823	1852	1828	1855	
05	1886	1915	1888	1911	
04	1940	1958	1945	1971	
03	1987	2014	1987	2019	
02	2014	2048	2016	2052	
01	2043	2079	2046	2080	
1	2077	2109	2079	2109	
2	2088	2124	2088	2127	
3	2106	2134	2106	2138	
4	2120	2158	2124	2161	
5	2163	2201	2167	2205	
6	2228	2266	2232	2269	
7	2259	2291	2262	2295	
8	2277	2316	2280	2320	
9	2295	2332	2300	2336	
10	2340	2377	2345	2381	

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