

Bagged Materials

Material	125g	500g	2.5kg	5kg	Bag	Size	Comments
Albany slip							N/A: replaced by Alberta Slip
Alberta slip			8.65	16.35	54.15	20 kg	
Alumina Hydrate			18.50	34.90	135.60	50 lb	
Alumina Oxide- calcined	3.90	15.40	29.30	113.00	55 lb		325 mesh.
Antimony oxide	6.25	22.95	106.00	200.00	50 lb		
Ball Clay - OM4			6.95	25.96	50 lb		
Banta Clay			5.50	19.00	50 lb		not available
Barium Carbonate		8.75	14.95	59.50	25 kg		
Barnard Slip (sub SG758)		11.10	20.90	81.00	50 lb		Also called Blackbird Slip
Bentonite-Southern		5.65	9.15	28.95	50 lb		
Bentonite-Vollclay		5.85	9.90	29.95	50 lb		A white bentonite
Bone Ash	7.90	34.35	65.05		50 lb		Tricalcium Phospate, the most commonly used.
Bone ash - DICAL	4.25	11.65	20.50	74.50	50 lb		Dicalcium Phospate
Boraq	3.95	13.15	24.95	86.25	50 lb		Gerstley Borate sub, while stock lasts
Borax - Hydrous		10.50	19.80	35.60	25 lb		
Burnt umber	3.25	6.50	26.65				
C1 Clay			8.00	23.50	50 lb		
CMC Gum	6.30	26.25	122.00	231.00	50 lb		
Cadycal -Calcium Borate					50 lb		Discontinued
Calcium Carbonate			6.60	16.83	50 lb		Also called Whiting.
Chrome Oxide	7.10	25.90	113.40	201.50	50 lb		
Chromite							see Iron Chromate
Clay - C1							see C1 Clay
Clay - PV							see Plastic Vitrox
Clay - XX Sagger							see XX Sagger Clay
Cobalt Carbonate	20.85	72.30	278.00				
Cobalt Oxide	19.00	65.00	294.00				
Copper Carbonate	6.50	24.10	112.00	212.00	50 lb		
Copper Oxide	6.05	22.35	103.20				Black in the raw state
Copper sulphate	4.25	11.50	50.65	95.00			
Cornwall Stone		8.20	15.50	59.60	50 lb		
Crocus Martis	11.85	54.00	101.00				
Cryolite	6.10	25.90	48.70	208.00	50 lb		Also called Kryolite
Dolomite			11.10	33.50	50 lb		
Epsom salts		14.65	27.35	108.00	50 lb		also called Magnesium Sulphate
Feldspar - Custer			10.30	29.79	50 lb		also called Potash Feldspar or "Potspar"
Feldspar G200		6.95	12.90	43.00	50 lb		
Feldspar - Minspar 200			9.90	35.20	50 lb		also called Soda feldspar (replaces Kona F4)
Fireclay - Plainsman				20.20	50 lb		light color and speck, similar to AP Green
Flint							see Silica
Fluorspar		12.30	22.90				
Frit 3110	4.95	20.20	38.10	147.90	50 lb		Ferro frit
Frit 3124	4.35	15.90	29.90	116.00	50 lb		Ferro frit
Frit 3134	4.55	18.00	33.90	131.40	50 lb		Ferro frit
Frit 3249	11.80	52.90	101.00	388.00	50 lb		Ferro frit
Frit 3269	4.75	19.00	36.00	140.00	50 lb		Ferro frit
Frit 3195	5.40	22.30	42.10	163.00	50 lb		Ferro frit
Frit CC257	3.50	13.75	26.00	99.00	50 lb		Ferro frit
Frit CC279	4.30	17.60	33.35	130.00	50 lb		Ferro frit
Gerstley Borate		11.15	21.00	70.70	50 lb		
Gold art clay			10.60	35.30	50 lb		
Grog - Coarse			12.45	47.18	50 lb		Red grog: coarse - 20 mesh
Grog - Fine			6.45	16.25	20 kg		Red grog: fine - 80 mesh and finer
Grog: Mulcoa 20 x 50 mesh				39.95	50 lb		call for availability, please
Grog: Mulcoa 48 (to fines)mesh				38.40	50 lb		call for availability, please
Grog: Mulcoa 20 (to fines)mesh				39.40	50 lb		call for availability, please
Grog - Ione (all mesh sizes)							N/A: sub Grog: Mulcoa
Helmar Kaolin							see Kaolin, Helmar
Hydrocal - Plaster							see Plaster - Hydrocal
Hydrostone - Plaster							see Plaster - Hydrostone
Ilmenite - Powdered	7.35	31.50	59.60				

Bagged Materials

Material	125g	500g	2.5kg	5kg	Bag	Size	Comments
Ilmenite - Granular		5.30	22.00	41.70		50 lb	
Iron (Ferric) Chloride	7.40	24.70					
Iron Chromate		3.95	14.45	27.25		50 lb	Also called Chromite
Iron Oxide - Red		8.50	37.10	70.30	267.00	50 lb	
Iron Oxide - Black		10.10	45.00	86.00	307.00	55 lb	
Iron Oxide - Yellow		10.49	47.00	88.50	328.00	55 lb	
Kaolin - Calcined			14.40	27.20	106.00	50 lb	
Kaolin - EPK				10.10	31.65	50 lb	
Kaolin - Grolleg			9.65	18.10	60.50	55 lb	
Kaolin - Helmar				11.95	39.35	20 kg	
Kaolin - Pioneer			5.70	10.60	33.40	50 lb	
Kaolin -Tile 6				10.65	37.90	50 lb	
Kiln Wash		6.15	11.30	16.95	46.50	20 kg	
Kryolite							see Cryolite
KT 1-4 Ball Clay					27.30	50 lb	
Kyanite - 48 mesh		2.95	6.15	11.20	87.00	100 lb	
Laguna Borate						50 lb	Discontinued
Lincoln fireclay				6.30	18.90	50 lb	
Lithium Carbonate	10.60	40.10	188.00	356.00		50 lb	
Macaloid	5.80	21.40	98.70	187.00		50 lb	
Magnesium Carbonate		10.30	45.70	86.50	348.00	55 lb	
Magnesium Sulphate							see Epsom Salts
Manganese Carbonate		13.80	62.00	117.00	499.00	50 lb	
Manganese Dioxide		4.00	13.90	26.40	95.00	50 lb	
Manganese Granular		7.35	31.00	59.00		50 lb	
Mullite - 35 mesh			7.50	12.95	92.50	100 lb	Fired form of Kyanite
Nepheline Syenite			5.65	9.45	31.30	50 lb	
Nickel Carbonate	11.50	44.25	207.00				
Nickel Oxide	13.95	53.00	249.00				
Petalite		4.00	15.75	29.75	110.00	55 lb	
Plaster #1				8.19	28.63	50 lb	Good all-purpose plaster for molds and batts
Plaster - Hydrocal					38.10	50 lb	Hard plaster
Plaster - Hydrostone					44.30	50 lb	Hardest plaster, good for Ram press molds
Plaster - Ultracal					41.2	50 lb	Harder plaster
Plastic Vitrox				8.50	28.00	50 lb	Also called PV Clay.
Pumice							see Volcanic Ash
Pyrophyllite			4.65	8.70	29.00	50 lb	
Ravenscrag slip			7.40	13.80	38.10	20kg	
Red Art Clay				9.90	33.30	50 lb	
Rutile - Granular		9.10	40.40	77.00		50 lb	
Rutile - Milled		14.20	64.20	121.70		50 lb	less common form of rutile, higher % of impurities.
Rutile - Powdered		14.30	64.80	122.60		50 lb	
Silica				9.39	29.30	50 lb	(Flint) Normal silica: 200 mesh. #90 marked on bag.
Silica - 325 mesh			8.10	15.20	50.90	50 lb	Finer mesh silica: 325 mesh. #53 marked on bag
Silica - 525 mesh			7.60	14.35	49.80	50 lb	Finest mesh silica: 525 mesh. #45 marked on bag
Silica Sand - Speck				7.15	21.00	50 lb	50 mesh. Bag is labelled: Lane Mtn 20/30
Silica Sand - White				7.79	23.05	50 lb	75 mesh. now 50 lb. bag. Bag is labelled: F710
Silicon Carbide: fine	4.50	15.70	71.30	135.00			Also labelled FFF
Soda Ash - Anhydrous			5.45	10.20	43.00	55 lb	Anhydrous type = no water
Spodumene		3.90	15.40	29.05	115.00	50 lb	
Stannous Chloride	17.40	67.40					Also called Tin Chloride
Strontium Carbonate		4.90	19.90	37.70	131.00	50 lb	
Talc - Pioneer (AMTAL)			4.70	8.30	25.60	50 lb	
Tin oxide	13.65	52.65	247.00				
Titanium Dioxide	4.35	12.20	54.90	104.00		50 lb	
Tricalcium Phosphate							see Bone Ash
Ultracal - Plaster							see Plaster - Ultracal
Vanadium Pentoxide	19.70	77.00					
Vee Gum T	6.80	24.95	116.00	219.00		50 lb	suspending agent.
Volcanic Ash		4.00	8.00	17.20	57.80	50 lb	Also called Pumice.

Bagged Materials

Material	125g	500g	2.5kg	5kg	Bag	Size	Comments
Whiting							see Calcium Carbonate
Wollastonite		9.29	17.45	65.80		50 lb	
XX sagger clay			7.30	24.20		50 lb	
Yellow Ochre	7.10	30.45	57.60	223.00		50 lb	
Zinc oxide	6.20	26.60	50.40	210.00		50 lb	
Zircopax	5.90	24.90	47.30	161.00		50 lb	

Materials - Special Order
 Can't find the material that you're looking for in this list? Many more dry materials are available on special order than are listed here, please inquire for pricing and availability.

Materials - Bulk Quantities
 For purchases of larger amounts of bagged materials, we can quote bulk prices, starting at 20 bags of the same material. Material prices are constantly changing and will be dependant upon current freight costs and material values.

Ferro Frits - General info

Number	Type of Frit
3110	Body flux, also used in glazes. High sodium & calcium, low alumina.
3124	High calcium, zinc free.
3134	High in calcium and boron. Wide use range.
3195	Best used in low temp glazes. High boron, calcium and alumina.
CC257	Frit containing Barium. Safer to use than barium carbonate.
CC279	Alkaline frit, plus some calcium and boron. Use in 06-05 range.

The frits listed above are the most common frits we get asked for, and are the ones that we carry in stock. There are many other frits available on special order. If you are interested in a frit not listed above, please inquire and we will look into it for you. Please note that we don't normally carry lead bearing frits and some very old frits may no longer be available.

Ferro Frits: analysis

Frit Number	Mol. Wt.	K ₂ O	Na ₂ O	CaO	Al ₂ O ₃	B ₂ O ₃	SiO ₂	Fusion Temp.	Common use range.
3110	260.6	.064	.643	.293	.094	.098	3.03	1400° F	Cone 08 to cone 8.
3124	278.1	.020	.282	.698	.270	.550	2.56	1600° F	Cone 06 to cone 6.
3134	190.5		.316	.684		.632	1.47	1450° F	Cone 02 to cone 10
3195	336.4		.324	.676	.412	1.100	2.66	1700° F	Cone 06 to cone 02

Wax Products & Liquid Materials: Assorted

Liquid Materials

	Pint	Litre	Gallon	4 Litre
Wax resist.....	\$10.75	n/a	\$62.75	n/a
CMC Gum solution.....	\$8.89	n/a	\$37.00	n/a
Darvan.....	\$11.95	\$19.95	n/a	\$69.95
- for Latex, please see sculpture section of catalog				
			5 Gallon	
Sodium Silicate	\$5.89	n/a	\$26.50	\$103.00

Solid Wax

Solid paraffin and beeswax are used for easily waxing the bottoms and foot rings of your work. Just melt the wax in an electric skillet and dip your work.

Paraffin wax, approx. 4.5 kg. slab.....	\$34.99
Beeswax, 450 grams	\$16.95
Microcrystalline sculpture wax.....	see sculp. section

Wax Pens

These pens are great for drawing on bisqueware. A line thickness of 1mm is achieved. Pen tips should not clog, but if a drop of wax does dry on the pen tip, run it under hot water and then simply remove the excess wax by dabbing it with a sponge.

Wax pens, 2oz	\$6.25
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Patch-a-tatch

Like a glue that you can fire! This premade liquid slip material is for attaching and mending greenware or bisque to allow you to fix your broken pieces with ease.

Each - 4 oz jar	\$7.30
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Apt II - Ceramic Enhancer

A watery liquid to be combined with your clay body for mending greenware, thickening slip & many other uses. Adding this to your dry clay scraps allows you to mend pieces with same clay you make your work with. Add it to your glaze to help you glaze vitrified pieces and cover over defects. Please ask us for a handout sheet for more info.

Each - 2 oz jar	\$10.65
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Beeswax Hand Lotion

Does clay work dry out your skin? Use this natural protective lotion to give your skin a barrier against the drying nature of clay.

4 oz. tube.....	\$13.59
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Mason Stains

Using Stains

Stains may be used in clays, slips, glazes, underglazes, in the same way you would use oxides and carbonates. Stains are fritted to ensure better color consistency.

In Glazes

Use anywhere from 1-10% stain in the glaze batch. The more stain, the darker the color. Start with 2 - 4%, then vary the amount to suit. When using opacifiers, a zirconium type is recommended (zircopax or superpax). Stain + opacifier should equal about 15% of the glaze. The cobalt blues, chrome-tin pinks, and vanadium yellows will accept tin as an opacifier.

In Clays & Slips

A white body is the easiest to add color to. Add stains as you would with a glaze, but add about twice as much as you would add to a glaze, then adjust to personal preference.

Reference Notes:

- 1 Can be used as a 'body stain in porcelain at high temperatures. All of the brown colors can be used as 'body stains' but will vary in shade considerably depending on the composition of the body and temperature at which it is fired.
- 1a Use only as a 'body stain'
- 2 Firing limit 1180°C (Cone 4)
- 3 Firing limit 1260°C (Cone 10)
- 4 Firing limit 1080°C (Cone 04)
- 5 Do not use zinc in glaze
- 6 Use with or without zinc
- 7 Zinc not necessary but gives better results
- 8 Best results with no zinc
- 9 Glaze must contain 6.7% to 8.4% CaO (12 -15% CaCO₃)

Firing temperatures are only 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.

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.

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.

Description	Item	1/4 lb.	Composition	Reference
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Single Calcination Pigments:

The following are "single calcination" pigments which will continue to be inventoried by Mason Color Works and Greenbarn Potters Supply. Please see the following section for "blended pigments" which are available in limited supply only.

Shell Pink	6000	\$13.00	Cr Sn	3, 5, 9
Alpine Rose	6001	13.00	Cr Sn	3, 5, 9
Crimson	6003	11.60	Cr Sn	3, 5, 9
Deep Crimson	6006	9.70	Cr Sn	3, 5, 9
Pink: Manganese Alumina	6020	7.35	Al Mn	1, 3
Dark Red	6021	24.95	Cd Si Zr Se	1, 3, 6
Coral	6025	16.90	Zr Cd Se	1, 3, 6
Lobster	6026	14.80	Zr Cd Se	1, 3, 6
Tangerine	6027	13.00	Zr Cd Se	1, 3, 6
Orange	6028	21.10	Cd Si Zr Se	1, 3, 6
Coral	6032	7.40	Fe Zr	3
Pink Extender	6067	6.90	Ca Si Sn	3, 5
Dark Coral	6069	5.75	Cr Sn V	3, 5, 9
Dark Red	6088	21.00	Cd Se Si Zr	1, 3, 6
Woodland Brown	6100	7.40	Al Cr Fe Si Zn	3, 6, 7
Chestnut Brown	6101	5.30	Cr Fe Mn Zn	3, 6, 7
Golden Brown	6103	5.30	Al Cr Fe Zn	3, 6, 7
Dark Golden Brown	6107	5.20	Al Cr Fe Zn	3, 6, 7
Walnut Brown	6108	4.80	Cr Fe Mn Zn	3, 6, 7
Deep Brown	6109	5.70	Al Cr Fe Zn	3, 6, 7
Violet of Iron	6110	4.60	Al Fe Si	3, 6, 7
Spice Brown	6111	7.80	Fe Sn Zn	3, 6, 7
Claret Brown	6113	4.10	Cr Fe Zn	3, 6, 7
Saturn Orange	6121	4.90	Al Cr Fe Zn	3, 6, 7
Hazelnut Brown	6126	8.20	Al Cr Fe Zn	3, 7
Golden Ambrosia	6129	5.30	Al Cr Fe Zn	3, 6, 7
Titanium Iron	6131	4.90	Fe Ti	1a, 3, 6
Red Brown	6132	7.60	Cr Fe Zn	3, 6, 7
Iron Silicate	6149	5.30	Fe Si	3, 6, 7
Seal Brown	6153	4.40	Cr Fe Mn Zn	3, 6, 7
Black Brown	6155	4.90	Cr Fe	3, 6, 7
Dark Chocolate	6160	4.30	Al Cr Fe Mn Zn	3, 6, 7
Deep Brown	6190	4.40	Cr Mn Fe	3, 6, 7
Manganese Silicate	6194	4.10	Mn Si	3, 6, 7
Evergreen	6200	7.80	Co Cr Si	3, 5
Celadon Green	6201	7.40	Al Co Cr Si V	1, 3, 6, 8
Florentine	6202	6.90	Co Cr Si	1, 3, 6, 8
Victoria Green	6204	8.00	Ca Cr Si Zr	3, 5, 9
Grass Green	6206	8.10	Ca Cr Si Zr	3, 5, 9
Celeste Green	6207	5.10	Co Cr Si Zn	1, 3, 6
Chrome Green	6209	6.90	Cr Si	3, 5
Hemlock	6213	8.50	Cr Co Zn Al	1, 3, 6
French Green	6219	5.60	Ca Co Cr Si Zn	1, 3, 5, 8
Ivy Green	6223	5.60	Al Cr Si	3, 5
Chartreuse	6236	12.60	Sn V Zr	1, 3, 6
Bermuda Green	6242	10.40	Pr Si V Zr	3, 6
Dark Teal Green	6254	8.20	Al Co Cr Si Zn	1, 3, 6, 8
Jade Green	6255	8.20	Al Co Cr Si Zn	1, 3, 6, 8
Victoria Green	6263	5.80	Ca Cr Si Zr	3, 5, 9
Victoria Green	6264	5.20	Ca Cr Si Zr	3, 5, 9
Peacock Green	6266	14.30	Co Cr	1, 3, 6, 8
Sea Green	6268	8.90	Co Cr Si Zn	1, 3, 6, 8
Nickel Silicate	6274	10.50	Ni Si	1, 3
Avocado	6280	11.70	Al Co Cr Fe V Zn Zr	3, 6
Mazerine Blue	6300	13.20	Co Si Zn	1, 3, 6
Violet	6304	25.40	Cr Sn	1, 3, 5, 9
Teal Blue	6305	8.90	Al Co Cr Si Zn	1, 3, 6
Vivid Blue	6306	8.70	Al Co Si Zn	1, 3, 6
Delphinium Blue	6308	9.90	Al Co Sn	1, 3, 6
Wedgewood Blue	6310	10.80	Al Co Si	1, 3, 6
Medium Blue	6313	9.90	Co Si Zn	1, 3, 6
Blue: Zirconium Vanadium	6315	9.40	Si V Zr	1, 3, 6
Lavender	6319	7.80	Al Co Mn Si Zn	1, 3
Delft Blue	6320	12.80	Al Co Si Sn Zn	1, 3, 6
Cobalt Meta Silicate	6338	19.95	Co Si	1, 3, 6

Mason Stains

Description	Item	1/4 lb.	Composition	Reference
Royal Blue	6339	\$9.90	Al Co Zn	1, 3, 6
Willow Blue	6360	10.70	Al Co Cr Si Sn	3, 5
Sky Blue	6363	5.50	Al Co Si	1, 3, 6
Turquoise Blue	6364	9.90	V Zr	1, 3, 6
Copen Blue	6368	6.90	Al Co Si Zn	1, 3, 6
Dark Teal Blue	6371	10.80	Al Co Cr	1, 3, 6
Dark Turquoise	6374	6.50	Si V Zr	1, 3, 6
Robin's Egg Blue	6376	9.40	V Zr	1, 3, 6
Blackberry Wine	6381	9.50	Cr Sn Co Si Cr Fe Ni	3, 5, 9
Cobalt Aluminate	6383	12.30	Al Co	1, 3, 6
Pansy Purple	6385	11.70	Cr Sn Co Ca Si	3, 5, 9
Mazerine Blue	6388	12.80	Co Si	1, 3, 6
Vanadium Yellow	6404	16.95	Sn V	1, 3, 6
Canary Yellow	6410	12.10	Pr Si Zr	3, 6
Bright Yellow	6421	15.30	(no longer available, sub 6479)	1, 3, 6
Praseodymium Yellow	6450	10.10	Fe Si Zr	3, 6
Zirconium Yellow	6464	12.20	V Zr	1, 3, 6
Old Gold	6471	9.00	Al Cr Fe Sn V Zn	1, 3, 6
Sunshine Yellow	6479	18.90	(replaces 6421)	
Titanium Yellow	6485	5.60	Cr Sb Sn	1a, 3
Sage Grey	6500	9.10	Co Cr Ni Si	1, 3, 6
Taupe Grey	6503	4.30	Al Cr Fe Si Zr	3, 5
Gun Metal	6591	8.50	Co Ni Zr	3, 6
Best Black	6600	11.20	Co Cr Fe Ni	1, 3, 6
Onyx Black	6612	11.70	Cr Fe Co Ni	1, 3, 6
Black - Cobalt free	6650	8.50	Cr Fe	3, 5
Black	6657	7.10	Co Cr Fe	3, 5
Black - Cobalt Free	6666	9.00	Cr Fe Mn	3, 5
White (extender)	6700	6.20	Al Si Zr	3, 6
Tin White (extender)	6768	12.10	Al Si Sn	3, 6

Blended Pigments:

Please inquire for Greenbarn's current stock level of these colors because the supply is limited to what we have on hand. These colors can be blended yourself and "recipes" are at Masoncolor.com.

Rose Pink	6002	7.80	Cr Sn (no longer available)	3, 5, 9
Crimson	6004	7.80	Cr Sn	3, 5, 9
Deep Crimson	6005	7.80	Cr Sn	3, 5, 9
Peach	6007	8.40	Cr Sn V	3, 5, 9
Peach	6008	8.30	Cr Sn V	3, 5, 9
Coral	6009	7.60	Cr Sn V	3, 5, 9
Shrimp Pink	6022	13.90	Zr Cd Se	1, 3, 6
Clover Pink	6023	7.10	Cr Sn V Zr	3, 5
Orange	6024	16.90	Zr Cd Se (no longer available)	1, 3, 6
Persimmon	6029	4.20	Al Cr Fe Zn	3, 8
Deep Salmon	6031	7.10	Cr Fe Sn	3, 5
Sunset	6033	13.70	Zr Cd Se	1, 3, 6
Doll Flesh	6052	5.40	Al Cr Fe Mn Zn	1, 3, 6
Chrome Alumina Pink	6065	4.90	Al Cr	1, 3, 6
Coral	6090	8.40	Cr Sn V	3, 5, 9
Flesh	6098	6.50	Al Sn V Zr	3, 5, 9
Fawn	6104	7.80	Cr Sn V Zr	3, 6, 7
Russet Brown	6119	4.50	Ca Cr Fe Zn Zr	3, 6, 7
Cedar Brown	6122	4.90	Al Cr Fe Zn	3, 6, 7
Saddle Brown	6123	4.90	Al Cr Fe Zn	3, 6, 7
Leather Brown	6125	4.80	Al Cr Fe Zn	3, 6, 7
Chocolate Brown	6124	4.90	Al Cr Fe Mn Zn	3, 6, 7
Sorrel Brown	6133	4.90	Cr Fe Zn	3, 6, 7
Red Brown	6134	5.30	Cr Fe Zn	3, 6, 7
Terra Cotta	6163	4.90	Al Cr Fe Zn	3, 6, 7
Camel Beige	6166	5.00	Al Cr Fe Zn Co Mn Ni	1, 3, 6, 7
Pea Green	6211	9.70	Sn V Zr (no longer available)	1, 3, 6, 8
Turquoise Green	6221	4.60	Ca Co Cr Si Zn Zr	3, 5
Dark Green	6224	5.10	Co Cr Fe Si Zn	3, 5
Dark Leaf Green	6226	4.90	Co Cr Fe Si Zn	1, 3, 6, 8
Myrtle Green	6234	10.80	Al Co Cr	1, 3, 6, 8
Deep Sea Green	6244	9.40	Al Co Cr Si Zn	1, 3, 6, 8
Blue Green	6246	6.90	Co Cr Si Sn Zn	3, 6, 8

Mason Color Charts

Mason color chart is a paper reproduction of 140 stain colors **\$8.85**

Bulk Mason Stain Pricing:

Order 1 lb or more of any single stain and receive 25% off its 1/4 lb list price.

Mason Stain Samples Available!!

Just doing a few tests? Don't need to purchase the whole quarter pound pkg? Read on!

Each Mason colour is now available in a small snap top, plastic jar. (these are packaged by volume, but they contain approx. 15-20grams). Please note that we offer this sample sized container primarily as a service to assist you in your testing, and that we limit quantities to 12 samples per customer, 1 sample per colour.

Sample Size.....\$2.35

Stain Composition

Al	Aluminum oxide
B	Boric oxide
Ca	Calcium carbonate
Co	Cobalt oxide
Cr	Chromium oxide
Fe	Iron oxide
Mn	Manganese dioxide
Ni	Nickel oxide
Pb	Lead oxide
Pr	Praseodymium oxide
Sb	Antimony oxide
Si	Silicon dioxide
Sn	Tin dioxide
Ti	Titanium oxide
V	Vanadium
Zn	Zinc oxide
Zr	Zirconium dioxide

Mason Color Announces Major Changes to the Number of Pigments Being Inventoried:

Mason Color has advised us that they are reducing the number of stains which they keep in their inventory from around 160 down to about 100.

The stains being removed from their regular stock are blends of the other stains that are still in production and they are easy for you to blend yourself. The "recipe" for each of these blended stains may contain 2-3 other stains and is available to the public on their web page at: www.MasonColor.com

Note: While Mason may have reduced their inventory, we still have stock of many of these blended stains so please inquire at Greenbarn for availability.

Mason Stains

Description	Item	1/4 lb.	Composition	Reference
Leaf Green	6265	\$5.20	Ca Co Cr Si Zn Zr	3, 5, 9
Emerald Green	6267	5.70	Ca Co Cr Si Zr	3, 5, 9
Mint Green	6271	5.40	Ca Co Cr Si Zn Zr	3, 5, 9
Turquoise Green	6288	4.80	Ca Cr Si V Zr (no longer available)	3, 5, 9
Dark Spruce Green	6296	7.90	Ca Co Cr Si	1, 3, 6, 8
Cadet Blue	6302	8.30	Al Co Cr Si Sn Zn	1, 3, 6
Deep Orchid	6303	8.20	Al Co Cr Sn	1, 3, 6
Pastel Blue	6307	5.00	Al Co Sn Zr	1, 3, 6
Lavender	6317	7.90	Al Co Cr Sn Zn	1, 3
Amethyst	6318	7.90	Al Co Cr Si Zn	1, 3
Violet	6324	7.10	Al Co Cr Si Sa Zn Zr	1, 3
Cobalt Aluminate	6330	14.90	Al Co	1, 3, 6
Orchid	6331	7.80	Al Co Cr Si Sn	3, 5, 9
Orchid	6332	9.00	Al Co Cr Si Sn	3, 5, 9
Lavender	6333	7.40	Al Co Cr Si Sn	3, 5, 9
Peacock Blue	6336	9.50	Al Co Cr Si Sn Zn	3, 6
Mediterranean Blue	6343	9.80	Al Co Cr Si Zn	1, 3, 6
Bright Blue	6350	5.60	Al Co Cr Si Sn	1, 3, 6
Turquoise Blue	6373	6.00	Co Cr Sn V Zr	3, 6
Cerulean	6378	6.40	V Zr (no longer available)	1, 3, 6
Navy Blue	6386	12.10	Co Cr Fe Ni Si Zn	1, 3, 6
Mulberry	6387	8.50	Co Ca Cr Si Sn (no longer available)	3, 5, 9
Zirconium Vanadium	6391	6.10	Si V Zr (no longer available)	1, 3, 6
Dusty Lavender	6392	6.40	Cr Sn Zr V	3, 5, 9
Turquoise Blue	6393	6.30	Al Co Sn V Zr (no longer available)	3, 6
Sapphire Blue	6389	12.80	Co Al	1, 3, 6
Peacock	6396	7.40	Al Co Cr V Zr	1, 3, 6
Deep Peacock	6398	12.30	Al Co Cr	1, 3, 6
Naples Yellow	6405	3.40	Fe Pr Si Zr (no longer available)	3, 6
Buttercup	6406	5.30	Fe Pr Si Zr (no longer available)	3, 6
Marigold	6407	4.20	Fe Pr Si Zr (no longer available)	3, 6
Praseodymium Yellow	6433	5.00	Fe Si Zr (no longer available)	3, 6
Vanadium Yellow	6440	9.60	Sn V	1, 3, 6
Pearl Grey	6506	7.30	Co Cr Fe Ni Sn	3, 6
Soft Medium Grey	6515	4.30	Al Cr Fe Mn Ni Zr	3, 5
Soft Green Grey	6523	4.50	Al Co Cr Fe Mn Ni Si Sn Zr	3, 5
Shadow Grey	6527	4.60	Al Cr Fe Si Sn Zr	3, 5
Charcoal Grey	6528	9.50	Co Cr Fe Ni Sn	3, 6
Silver Grey	6530	9.60	Co Cr Fe Ni Sn	3, 6
Slate Grey	6531	12.10	Al Co Cr Fe Ni Si Sn	1, 3, 6
Mouse Grey	6537	4.80	Al Cr Fe Si Sn Zr	1, 3, 8
Blue Grey	6540	10.10	Co Cr Fe Ni Sn	3, 6
Neutral Grey	6572	4.40	Cr Fe Zr	3, 5
Rose Taupe	6573	6.10	Cr Fe Sn V Zr	3, 5
Velvet Black	6601	9.30	Co Cr Fe Ni Zn	1, 3, 6
Black	6609	8.50	Co Cr Fe Mn Ni Sn	1, 3, 6
Black - Chrome free	6616	11.40	Co Fe Mn	1, 3, 6

Bulk Mason Stain Pricing:
Order 1 lb or more of any single stain and receive 25% off its 1/4 lb list price.

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Glaze Stains

Stains are fritted pigments that add color to clays, slips, glazes, and underglazes. It is important to keep in mind that color development is affected by the base chemical formula in which the stain will be used, the firing temperature, and the firing method. To test a stain in a glaze, use 2 - 4% as a test amount. This will usually show how the stain will work and will indicate if more or less stain is required. Cobalt blue stains usually require much less stain, try 1%. In general, the more stain, the darker the color. When using opacifiers, zircopax is recommended. To add stains to clays or slips, try 4 - 6% as a starting point, then adjust.

*** 30% off Blythe stain! ***

Blythe stains are now in limited supply and we are offering them at a 30% discount while we still have stock! This is a great time to up on basic colors at a low price! Stock levels do vary so please inquire if you require bulk amounts of any of these colors. Take 30% off of the listed prices below.

Blythe Stains, 125gr packages:

Code	Color	125 gr	Comp	Description	Max °
14E72	Black	\$15.29	FeCrCo	Zinc free glaze preferred, full black to grey colors	1300°C
114M58	Maroon	\$18.55	CrSnCa	Best in zinc free, high calcium glazes	1250°C
14T405	Grey	\$11.25	ZrSiFeCoNi	Works well in most glazes	1300°C
14H362	Brown	\$10.95	FeSi	Consistent in almost all glazes	1300°C
14M124	Pink	\$23.85	CrAlZn	High zinc and alumina, low calcium needed for this pink	1300°C
14R221	Grey Brown	\$10.95	ZrSiFeY	Works well in most glazes	1300°C
14N114	Turquoise	\$13.85	ZrSiY	* No longer available *	1330°C
14K193	Bright Green	\$13.35	ZrSiPrY	* No longer available *	1250°C
14P7	Coral Red	\$21.75	ZrSiCdSSe	* No longer available *	1300°C
14H167	Orange	\$12.50	ZrVy	* No longer available *	1400°C
14M265	Lilac	\$24.85	CrSn	* No longer available *	1250°C
4L114	Blue	\$29.15	CoSi	* No longer available *	1400°C
14H686	Yellow	\$13.15	ZrSiPr	* No longer available *	1300°C
14M200	Coral	\$11.85	ZrSiFe	* No longer available *	1300°C
14M250	Pink	\$23.85	CrSnCa	* No longer available *	1250°C
14K139	Dark Green	\$15.50	CrSi	* No longer available *	1400°C