

RAW CLAYS

| BALL CLAYS | 1# | 5# | 10# | 50# | 100# | 500# |
|--------------------|-----------|-----------|------------|------------|-------------|-------------|
| DRESDEN | 1.30 | .450 | .335 | .230 | .183 | .175 |
| KENTUCKY OM#4 | 1.30 | .450 | .330 | .220 | .179 | .170 |
| KENT. SPECIAL | 1.30 | .440 | .330 | .220 | .179 | .170 |
| M-23 | 1.25 | .410 | .310 | .200 | .165 | .155 |
| OLD HICKORY #5 | 1.25 | .410 | .310 | .200 | .165 | .155 |
| TAYLOR BALL | 1.25 | .410 | .310 | .200 | .165 | .155 |
| TENNESSEE #1 | 1.25 | .400 | .300 | .220 | .180 | .170 |
| XXSAGGER | 1.25 | .420 | .310 | .200 | .170 | .160 |
| FIRE CLAYS | | | | | | |
| GOLDART | 1.40 | .550 | .430 | .300 | .255 | .244 |
| GREENSTRIPE | 1.20 | .365 | .250 | .160 | .120 | .114 |
| IMCO 400 | 1.30 | .450 | .350 | .245 | .198 | .189 |
| HAWTHORNE BOND 40 | 1.35 | .500 | .375 | .270 | .217 | .208 |
| LINCOLN "60" | 1.20 | .350 | .240 | .150 | .113 | .105 |
| KAOLINS | | | | | | |
| #6 TILE CLAY | 1.35 | .438 | .367 | .320 | .273 | .261 |
| E.P.K. | 1.50 | .540 | .500 | .375 | .320 | .300 |
| GROLLEG-English | 1.80 | .900 | .750 | .600 | .515 | .490 |
| MCNAMEE | 1.30 | .470 | .350 | .245 | .197 | .188 |
| RED CLAYS | | | | | | |
| CARBONDALE | 1.30 | .460 | .340 | .230 | .185 | .177 |
| NEWMAN RED | 1.25 | .380 | .270 | .170 | .130 | .126 |
| REDART | 1.40 | .500 | .435 | .315 | .265 | .254 |
| MISC. CLAYS | | | | | | |
| ALBERTA SLIP | 2.30 | 1.395 | 1.215 | .970 | .855 | .814 |
| BARNARD | 1.85 | .985 | .830 | .656 | .559 | .535 |
| P. V. CLAY: | 1.25 | .400 | .285 | .190 | .145 | .139 |

FRITS

| | 1# | 5# | 10# | 50# | 100# |
|--------|-----------|-----------|------------|------------|-------------|
| CC-279 | 3.650 | 2.661 | 2.230 | 1.941 | 1.650 |
| F 3110 | 2.700 | 1.952 | 1.635 | 1.424 | 1.210 |
| F 3124 | 2.350 | 1.694 | 1.419 | 1.235 | 1.050 |
| F 3134 | 2.650 | 1.935 | 1.622 | 1.412 | 1.200 |
| F 3195 | 3.000 | 2.161 | 1.811 | 1.576 | 1.340 |
| F 3269 | 3.000 | 2.177 | 1.824 | 1.588 | 1.350 |
| F 3278 | 2.700 | 1.935 | 1.622 | 1.412 | 1.200 |

GLAZE CHEMICALS

| | 1# | 5# | 10# | 50# | 100# | 500# |
|--------------------------|--------|------------------|---------------------|--------|--------------------------|----------------|
| ALUMINA HYDRATE | 2.65 | 1.900 | 1.665 | 1.370 | 1.216 | 1.160 |
| ALUMINA OXIDE | 2.45 | 1.539 | 1.305 | 1.085 | 1.957 | .915 |
| ANTIMONY OXIDE | 19.85 | 17.800 | 16.455 | 13.855 | 12.512 | 11.968 |
| BARIUM CARBONATE | 2.35 | 1.452 | 1.275 | 1.025 | .903 | .864 |
| BENTONITE, IBEX 200 | 1.25 | .400 | .285 | .190 | .145 | .139 |
| BENTONITE, HPM-20 | 2.40 | 1.510 | 1.315 | 1.050 | .940 | .899 |
| BONE ASH | 2.00 | 1.225 | 1.055 | .840 | .731 | .700 |
| BORAX (Granular - 5 mol) | 1.75 | .940 | .775 | .615 | .531 | .508 |
| BORIC ACID (Granular) | 3.35 | 2.400 | 2.115 | 1.750 | 1.557 | 1.489 |
| CHROME OXIDE (GREEN) | 14.25 | 12.550 | 11.555 | 9.735 | 8.778 | 8.396 |
| C.M.C. POWDER | 14.85 | 13.135 | 12.100 | 10.200 | 9.235 | 8.789 |
| COBALT CARBONATE | 28.75 | 26.120 | 24.174 | 20.400 | | (1/2# - 18.70) |
| COBALT OXIDE | 43.95 | 40.300 | 37.350 | 31.550 | | (1/2# - 28.60) |
| COPPER CARBONATE | 11.250 | 9.750 | 8.950 | 7.550 | 6.802 | 6.500 |
| COPPER OXIDE (BLACK) | 13.65 | 12.000 | 11.050 | 9.300 | 8.400 | 8.025 |
| COPPER OXIDE(RED) | 18.50 | 16.550 | 15.275 | 12.850 | 11.650 | 11.095 |
| CORNWALL STONE | 2.40 | 1.524 | 1.335 | 1.075 | 0.950 | .906 |
| CRYOLITE | 4.00 | 3.000 | 2.680 | 2.340 | 2.000 | 1.900 |
| DARVAN #7 (DISPERSAL) | | PINT 5.00 | GALLON 22.00 | | 4 GAL. PAIL 72.00 | |
| DOLOMITE | 1.30 | .450 | .335 | .225 | .180 | .173 |
| FELDSPAR, CUSTER | 1.40 | .550 | .430 | .310 | .256 | .245 |
| FELDSPAR, G 200 | 1.50 | .650 | .500 | .397 | .335 | .320 |
| FELDSPAR, MINSPAR (SODA) | 1.45 | .500 | .420 | .300 | .250 | .240 |
| FLUORSPAR | 2.15 | 1.250 | 1.085 | .865 | .759 | .720 |
| GERSTLEY BORATE | 1.85 | 1.000 | .850 | .660 | .573 | .546 |
| GROG 325 Mulcoa | 1.65 | .800 | .650 | .512 | .436 | .415 |
| GROG 35 Mulcoa | 1.50 | .650 | .500 | .412 | .351 | .336 |
| GROG 20 Mulcoa | 1.50 | .650 | .500 | .412 | .351 | .336 |
| GROG 20x50 Mulcoa | 1.65 | .800 | .650 | .512 | .436 | .415 |
| GROG 10x18 Mulcoa | 1.65 | .800 | .650 | .512 | .436 | .415 |
| IRON CHROMATE | 1.70 | .865 | .700 | .550 | .474 | .453 |
| IRON OXIDE, RED -4284 | 4.25 | 3.255 | 2.928 | 2.430 | 2.180 | 2.075 |
| IRON OXIDE, RED - 521 | 2.45 | 1.571 | 1.375 | 1.110 | .980 | .934 |
| IRON OXIDE, BLACK | 5.10 | 3.970 | 3.600 | 3.000 | 2.700 | 2.750 |
| IRON OXIDE, YELLOW | 5.30 | 4.200 | 3.800 | 3.170 | 2.843 | 2.719 |
| LITHIUM CARBONATE | 13.25 | 11.650 | 10.720 | 9.000 | 8.190 | 7.780 |
| MACALOID | 10.40 | 8.950 | 8.240 | 6.920 | 6.265 | 5.958 |
| MAGNESIUM CARBONATE | 5.45 | 4.300 | 3.900 | 3.260 | 2.937 | 2.809 |
| MAGNESIUM SULPHATE | 2.25 | 1.350 | 1.180 | .945 | .828 | .792 |
| MAGNETITE (GRANULAR) | 1.50 | .660 | .530 | .396 | .331 | .317 |
| MANGANESE CARBONATE | 8.90 | 7.56 | 6.935 | 5.815 | 5.229 | 4.996 |
| MANGANESE DIOXIDE(325) | 2.15 | 1.241 | 1.050 | .880 | .772 | .735 |
| MULLITE 35 mesh | 1.70 | .83 | .675 | .530 | .454 | .435 |
| MULLITE 100 mesh | 1.70 | .850 | .720 | .550 | .478 | .458 |

GLAZE CHEMICALS

| | 1# | 5# | 10# | 50# | 100# | 500# |
|-----------------------------|-------|--------------------|----------------|----------------------|------------------------------|-------|
| NEPHELINE SYENITE A-270 | 1.50 | .550 | .440 | .312 | .266 | .254 |
| NICKEL CARB. (GREEN) | 22.85 | 20.600 | 19.000 | 16.050 | 14.578 | |
| NICKEL OXIDE (BLACK) | 34.60 | 31.600 | 29.250 | 24.690 | 22.420 | |
| OCHRE – YELLOW | 4.10 | 3.050 | 2.765 | 2.250 | 2.052 | 1.960 |
| PETALITE | 2.95 | 2.000 | 1.800 | 1.470 | 1.303 | 1.240 |
| POTASSIUM CARBONATE | 3.65 | 2.660 | 2.380 | 1.960 | 1.748 | 1.665 |
| PUMICE | 1.65 | .790 | .650 | .494 | .421 | .400 |
| PYROPHYLLITE- PYRAX ABB | 1.25 | .339 | .284 | .247 | .210 | .201 |
| RUTILE, CERAMIC GRADE | 7.65 | 6.430 | 5.850 | 4.900 | 4.430 | 4.230 |
| SAND - 30 & 60 mesh | | | | | .089 | .086 |
| SAND - F-75 Ottawa | | | | | .180 | .173 |
| SILICA, 200 mesh | 1.25 | .400 | .300 | .200 | .163 | .156 |
| SILICA, 325 mesh | 1.40 | .550 | .440 | .309 | .260 | .252 |
| SILICA (Imsil A-25) | 1.75 | .884 | .735 | .568 | .489 | .464 |
| SILICON CARBIDE, FFF | 7.95 | 6.675 | 6.115 | 5.115 | 4.630 | 4.395 |
| SODA ASH | 1.75 | .900 | .750 | .600 | .518 | .495 |
| SODIUM BICARBONATE | 1.75 | .900 | .750 | .600 | .515 | .493 |
| SODIUM SILICATE | | PINT - 1.75 | | GALLON - 7.50 | | |
| SPODUMENE | 2.30 | 1.450 | 1.265 | 1.017 | .897 | .854 |
| STRONTIUM CARBONATE | 2.65 | 1.700 | 1.500 | 1.215 | 1.074 | 1.027 |
| SUPERPAX | 3.35 | 2.372 | 1.121 | 1.748 | 1.566 | 1.490 |
| TALC - PIONEER MB-92(C2773) | 1.35 | .500 | .380 | 2.700 | .220 | .210 |
| PIONEER 2882 (C98) | 1.25 | .420 | .300 | .200 | .169 | .162 |
| PIONEER 4388 (C88) | 1.25 | .420 | .300 | .200 | .169 | .162 |
| TIN OXIDE | 27.50 | 25.000 | 23.200 | 19.600 | (1/2# 17.90) | |
| TITANIUM DIOXIDE | 6.25 | 5.000 | 4.600 | 3.875 | 3.478 | 3.326 |
| UMBER | 4.70 | 3.600 | 3.300 | 2.750 | 2.470 | 2.362 |
| VERMICULITE | | | \$23.95 | | - FOUR CUBIC FOOT BAG | |
| WHITING (325 mesh) | 1.25 | .400 | .290 | .185 | .148 | .142 |
| WOLLASTONITE – W10 | 1.40 | .550 | .425 | .300 | .258 | .246 |
| WOLLASTONITE – W30 | 1.55 | .650 | .550 | .400 | .353 | .335 |
| ZINC OXIDE | 4.55 | 3.400 | 3.159 | 2.600 | 2.344 | 2.230 |
| ZINC OXIDE (CALCINED) | 8.650 | 8.094 | 6.781 | 5.906 | 4.460 | 4.25 |
| ZIRCON G, MILLED | 3.50 | 2.500 | 2.250 | 1.851 | 1.656 | 1.573 |
| ZIRCOPAX PLUS | 5.50 | 4.450 | 4.050 | 3.400 | 3.062 | 2.929 |

PLASTERS

| Plaster | Cost per 100 lbs. | Weight of water per 100 lbs. of plaster | Dry compressive strength |
|-----------------|-------------------|---|--------------------------|
| Pottery No. 1 | \$19.00 | 70 lbs. | 2,000 psi |
| Ceramical | \$34.90 | 40 lbs. | 6,500 psi |
| Hydrocal – B11 | \$28.80 | 44 lbs. | 4,500 psi |
| Hydrocal White | \$27.40 | 45 lbs. | 5,000 psi |
| Hydrostone | \$31.80 | 32 lbs. | 10,000 psi |
| Puritan Plaster | \$19.00 | 66 lbs. | 2,400 psi |
| Ultra Cal 30 | \$32.90 | 38 lbs. | 6,000 psi |