

SOME C/4.5.6 BODIES USED AT ALFRED. ALL TESTED, PROVEN, USEFUL. (V) BODIES MOSTLY. THESE BODIES CAN BE USED IN OXIDATION + REDUCTION, BUT, AS ALWAYS, THE WHITE BODIES ARE "CREAMY" IN OXIDATION BECAUSE THE TRACES OF IRON (ALWAYS PRESENT) GO "WARM" COLORS (BUFF, TAN, RED, BROWN) IN OXIDATION + "GREYISH BROWN TO GREY IN REDUCTION. THE TINY TRACE OF IRON IN WHITE CLAYS, IN REDUCTION, GOES GREY - WHICH GIVES A WHITE FLAT LOOK - IN OXIDATION A MORE (VORY) "ISH" LOOK. RICH LOOKING "WARMISH" CINNAMON, NUTMEG COLORS ARE VERY EASY TO GET IN OXIDATION, DIFFICULT IN REDUCTION. * Val m. wishing

1) C/4.5.6 THROWING + HAND BUILDING. PORCELAIN WHITE/VITREOUS/SLIGHTLY TRANSLUCENT.
 (V) C/S. PORCELAIN (OX. OR REDCT.)

- GROLLEG CHINA CLAY - 35
- TILE CLAY # 6 KAOLIN - 15
- NEPHELINE SYENITE - 28
- FLINT - 12
- (PYROPHYLLITE) PYRAX - 10
- 100%
- + BENTONITE OR } 2%
- (BETTER) → MACALOID ... }

* ADDING 1 Cup VINEGAR, WHEN MIXING, WILL IMPROVE THE PLASTICITY. IF YOU WANT LESS DENSITY + MORE PLASTICITY... MAKE NEPHSY → 25 AND FLINT → 10 AND INCREASE TILE # 6 TO (20).

2) C/4.5.6 WHITE STONEWARE (OX. OR R.)
 (V) S WS. (OFF WHITE, BUT VERY LIGHT).

- TILE CLAY # 6 (KAOLIN) - 30
- (FLORIDA KAOLIN) E.P.K. - 10
- (BALL CLAY) XX SAGGER - 10
- GOLDART STONEWARE - 20
- (OR FOUNDRY HILL CREME)
- PINE LAKE FIRE CLAY - 10
- NEPHELINE SYENITE - 15
- FLINT - 5
- 100%
- + BENTONITE OR ... 1%
- MACALOID

YOU CAN ALWAYS ADD MOLOCHITE (WHITE PORCELAIN GROG) 4% OR MORE, FOR MORE "TOOTH" + LESS SHRINKAGE.

3) C/4.5.6 STONEWARE, (V) "Easy" C/S RICH ORANGE BROWN, CINNAMON (OX.) (Dark in Reduction) (OX. OR RED.)

- GOLDART STONEWARE - 25
- (OR FOUNDRY HILL CREME)
- PINE LAKE FIRE CLAY - 30
- CALVERT RED CLAY - 25
- OCMULGEE RED CLAY - 20

→ (* ADD 1/2% BARIUM CARB.) 100%
 FINE GROG ... → 6%

* This body should have the fine grog. For sculpture/hand bldg. add 20% to 30% Grog. (Very plastic)

4) (V) "BEST" C/4.5.6 STONEWARE. * Very good all around plastic body.

- GOLDART STONEWARE - 38
- (ANY) BALL CLAY - 25
- CALVERT Red clay - 15
- P.B.X. Valentine - 10
- Neph. Syenite - 8
- Flint - 4
- 100%

GROG (if desired) ... 4%
 Oxidation → LIGHT CINNAMON color
 REDUCTION → RICH ORANGE BROWN
 throws very well, add more grog for sculpture (20-30%).

5) C/4.5.6 * Very Dark Brown (OX.)
 (V) BLACK 5 * almost BLACK → (RED.)

- OCMULGEE RED CLAY - 50
- PINE LAKE FIRE CLAY - 15
- GOLDART STONEWARE - 15
- (ANY TYPE) • BALL CLAY - 10
- (BLACK IRD) • BARNARD - 10
- Red IRON OXIDE - 3%
- FINE GROG - 6%

not Black in oxidation, but very dark brown - good color.
 But Black in Reduction.

6) C/4.5.6 SCULPTURE BODY
 "Very" low shrinkage, good for thick walled pieces. strong, dense.

- PINE LAKE FIRE CLAY - 20
- P.B.X. Valentine FIRE CLAY - 20
- A.P. GREEN MISSOURI FIRE - 15
- TENN. # 9 BALL CLAY - 10
- WOLLASTONITE - 15
- (FINE GROG) • MOLOCHITE - 10
- MEDIUM GROG - 5
- COARSE GROG - 15
- 100%

K&M Company
 Torrance, CA 90503
 #PV119E

SOME PROVEN & USEFUL 5/6 REDUCTION CLAY BODIES. (V)

J.C. LIGHT TO MEDIUM WARM BROWN THROWING BODY. DENSE.

GOLDART STONEWARE - 40
 KY. BALL CLAY - 30
 (RED CLAY) → OCMULGEE - 15
 NEPH. SYENITE - 10
 20/36 MESH GROG - 5
 (THROWS WELL) 100

J.B.V.C. RICH, BROWN, DARK BODY THROWING - DENSE - PLASTIC

GOLDART STONEWARE - 20
 PINE LAKE FIRE CLAY - 20
 KY. BALL CLAY - 25
 OCMULGEE - 25
 NEPH. SY. - 5
 FLINT - 5

GROG, if desired..... 6%

J.C. WHITE, PLASTIC, THROWING BODY

GROLLEG CHINA CLAY - 50
 KONA F/4 SPAR - 25
 (ADD 2% WHITING FOR MORE DENSITY.) PYRAX - 13
 FLINT - 12
 + } BENTONITE - 2
 MACALOID - 2

(V) "BLACK BODY" PLASTIC, DENSE VERY BLACK, VERY GOOD.

OCMULGEE RED CLAY - 50
 PINE LAKE FIRE CLAY - 15
 GOLDART STONEWARE - 15
 (ANY) BALL CLAY - 10
 (BLACKBIRD) BARNARD CLAY - 10
 + IRON OXIDE - 3%
 GROG - 6%

BOB JAMESON (RICH ORANGE) WARM BROWN, PLASTIC BODY. GOOD THROWING

GOLDART STONEWARE - 35
 (ANY) BALL CLAY - 25
 CALVERT RED CLAY - 15
 PRX. - 10
 NEPH. SY. - 5
 FLINT - 5
 GROG - 6%

(V) 5/6 WHITE STONEWARE (PLASTIC) (OFF WHITE) - (DENSE)

TILE CLAY #6 - 20
 E.P.K. - 15
 KY. BALL CLAY - 20
 GOLDART STONEWARE - 25
 NEPH. SY. - 10
 FLINT - 10

BENTONITE - 2%

(V) "EASY", PLASTIC BODY. GOOD. RICH, DEEP, ORANGE BROWN. 5/6 R.

GOLDART STONEWARE - 30
 PINE LAKE FIRE CLAY - 30
 OCMULGEE RED CLAY - 40

(OPTIONAL) + GROG..... 6%

(V) (NON GROLLEG) WHITE - DENSE - PLASTIC GOOD* (NOT TRANSLUCENT), PORCELAIN LIKE. THROWING

TILE CLAY #6 - 20
 E.P.K. KAOLIN - 10
 XX SAGGER - 20
 KY. BALL CLAY - 10
 KONA F/4 SPAR - 20
 FLINT - 20
 + BENTONITE - 2%
 MACALOID - 1%

ALL OF THESE WILL WORK IN OXIDATION BUT OF COURSE SOME COLORS WILL BE DIFFERENT FROM THE DESCRIPTION GIVEN ABOVE. THE WHITE BODIES WILL SEEM TO BE EVEN WHITER. BUT THE NON WHITE BODIES WILL ALL BE LIGHTER IN COLOR.

REDART (CEDAR HGTS.) CAN BE SUBSTITUTED FOR OCMULGEE AND WILL RESULT IN SOMEWHAT DARKER BODIES, OR MORE RED/BROWN... BUT REDART IS NOT AS PLASTIC AS OCMULGEE. SO THE BODIES WILL NOT THROW AS WELL. REDART IS THE LEAST PLASTIC RED EARTHENWARE CLAY I KNOW

Val Cushing

SOME PROVEN & USEFUL 2/6 REDUCTION CLAY BODIES. (VO)

T.C. LIGHT TO MEDIUM WARM BROWN THROWING BODY. DENSE.

- GOLDART STONEWARE - 40
 - KY. BALL CLAY - 30
 - RED CLAY) → OCMULGEE - 15
 - NEPH. SYENITE - 10
 - 20/36 MESH GROG - 5
 - 100
- (THROWS WELL)

2.V.C. RICH BROWN, DARK BODY THROWING - DENSE - PLASTIC

- LDART STONEWARE - 20
- NE LAKE FIRE CLAY - 20
- KY. BALL CLAY - 25
- OCMULGEE - 25
- NEPH. SY. - 5
- FLINT - 5
- GROG, IF DESIRED..... 6%

J.C. WHITE, PLASTIC, THROWING BODY

- GROLLEG CHINA CLAY - 50
- KONA F/4 SPAR - 25
- *(ADD 2% WHITING FOR MORE DENSITY.)
- PYRAX - 13
- FLINT - 12
- + } BENTONITE - 2
- MACALOID - 2

(VO) "BLACK BODY" PLASTIC, DENSE VERY BLACK, VERY GOOD.

- OCMULGEE RED CLAY - 50
- PINE LAKE FIRE CLAY - 15
- GOLDART STONEWARE - 15
- (ANY) BALL CLAY - 10
- (BLACKBIRD) BARNARD CLAY - 10
- + IRON OXIDE - 3%
- GROG - 6%

BOB JAMESON (RICH ORANGE) WARM BROWN, PLASTIC BODY. GOOD THROWING

- GOLDART STONEWARE - 35
- (ANY) BALL CLAY - 25
- CALVERT RED CLAY - 15
- R.BX. - 10
- NEPH. SY. - 5
- FLINT - 5
- GROG 10%

(VO) 2/6 WHITE STONEWARE (PLASTIC) (OFF WHITE) - (DENSE)

- TILE CLAY #6 - 20
- E.P.K. - 15
- KY. BALL CLAY - 20
- GOLDART STONEWARE - 25
- NEPH. SY. - 10
- FLINT - 10

BENTONITE - 2%

(VO) "EASY", PLASTIC BODY. GOOD. RICH, DEEP, ORANGE BROWN. 2/6R

- GOLDART STONEWARE - 30
- PINE LAKE FIRE CLAY - 30
- OCMULGEE RED CLAY - 40

(OPTIONAL) + GROG..... 6%

(VO) (NON GROLLEG) WHITE - DENSE - PLASTIC GOOD* (NOT TRANSLUCENT), PORCELAIN LIKE THROWING

- TILE CLAY #6 - 20
- E. P. K. KAOLIN - 10
- XX SAGGER - 20
- KY. Ball CLAY - 10
- KONA F/4 SPAR - 20
- FLINT - 20

+ BENTONITE - 2%
MACALOID - 1%

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