

Engobes / Slips – Cone 04

	White C04 Base	Cushing C04 White Slip	Frantz C04 White Slip	C04 White Slip	Colorants
Ferro Frit F-3124		20	10	10	Black (10%)
Grolleg Kaolin		15	15		Cobalt Ox. 25
EPK Kaolin	20	20		20	Black Iron 25
Calcined Kaolin					Mang. Diox. 10
OM-4 Ball Clay	40		35	40	Chrome Ox. 5
Tenn. #1 Ball Clay		30			Yellow
Talc	15		5	15	Rutile 6
Silica	10	6	20		Green
Feldspar					Cop. Carb. 3
Nepheline Syenite	15	5		15	Chrome Ox. 3
Gerstley Borate			5		Taupe
Zircopax			10		Iron Chromate 5
Tin Oxide					Blue
Bentonite		4			Cobalt Carb. 3
Total	100	100	100	100	Pale Green
					Rutile 1
					Cop. Carb. 3

	Kansas City C04 Orange Slip	Orr C04 White Slip	Kenny Low-fire Underglase base	Cushing Dark Brown Slip C04	Archie Bray Black Slip C04
Ferro Frit F-3124					12
Ferro Frit F-3195			20		
EPK Kaolin		46			
Calcined Kaolin					
Redart Clay				50	40
Barnard Clay					20
PBX Valentine					10
OM-4 Ball Clay	40	8		25	12
Talc					
Silica		23	10		
Feldspar		23	15		6
Nepheline Syenite	10				
Gerstley Borate					
Claybody			25		
Ceramic Stain			30		
Zircopax	10				
Rutile	30				
Manganese Dioxide				15	
Black Iron Oxide				5	
Black Stain				12	
Bentonite			2		
CMC			2		
Total	90	100	104	107	100

	Scotchie Vit. Engobe (Sinter 6) C05-02	Scotchie Eng. 12 (Sinter 10) C02	Scotchie Bronze C05	Scotchie Thick Engobe C05-02	Scotchie Under- glaze A C05-02
Ferro Frit F-3124	20	10			10
Lithium Carbonate	5				
EPK Kaolin					55
Whiting	17	20			
Zirconium Silicate		5			
OM-4 Ball Clay	38	45			
Silica	20	20			35
Stain		10.-20.		20-30	10.-20.
Bentonite		2			
CMC Gum		1	1.7		1
Sinter 6			100		
Sinter 10				100	
Molochite 120 mesh				34	
Copper Oxide Black			15		
Manganese Dioxide			50		
Total	100	111-121	166.7	154-164	

	Scotchie Under- glaze A C05-02
Ferro Frit F-3124	10
Lithium Carbonate	
EPK Kaolin	45
Whiting	20
Zirconium Silicate	5
OM-4 Ball Clay	
Silica	20
Stain	10.-20.
Bentonite	2
CMC Gum	1
Total	113-123

	John Gill's C04 White Slip	Irma Star's C04 White Trailing	R. Forbes C04 White Slip	White C04 Engobe Slip	Olstrom C04 Basic White
Ferro Frit F-3124	20				10
EPK Kaolin	12.5	40		57	
Calcined Kaolin	12.5				15
OM-4 Ball Clay	25	30	50		45
Talc	5		20		30
Silica	20	15	10	29	
Feldspar		15			
Nepheline Syenite			20		
Gerstley Borate				14	
Zircopax	5				
Total	100	100	100	100	100