MASON STAINS 2

7/01/12

CODE	COLOR	1/4 LB	1/2 LB	1 LB		REF
6319	LAVENDER	$4.85	$7.30	$12.60		3, 5 ,9
6336	PEACOCK BLUE	$8.70	$11.35	$19.65		3, 6
6363	SKY BLUE Base	$3.80	$4.95	$8.55		1, 3, 6
6364	TURQUOISE	$5.30	$6.90	$12.00		1, 3, 6
6371	DARK TEAL BLUE	$7.60	$9.90	$17.20		1, 3, 6
6376	ROBIN EGG BLUE Base	$4.90	$6.40	$11.05		1, 3, 6
6378	ZIRCONIUM BLUE Base	$5.05	$6.60	$11.40	Disc	1, 3, 6
6381	BLACKBERRY WINE Base	$7.65	$9.95	$17.25		3, 5, 9
6385	PANSY PURPLE Base	$7.70	$10.00	$17.35		3, 5, 9
6386	NAVY BLUE Mix	$8.25	$10.75	$18.60		3,5,9
6387	MULLBERRY			$12.00	Disc	
6392	DUSTY LAVENDER Mix	$6.15	$8.00	$13.85		3, 5, 9
6406	BUTTERRY	$10.15	$13.25	$23.00		1, 3, 6
6407	MARIGOLD			$12.00	Disc	
6410	YELLOW		$10.25	$18.25		
6450	PRASEODYMIUM YELLOW	$6.65	$8.70	$15.05		3,5,9
6464	ZIRCONIUM	$6.25	$8.15	$14.10		1, 3, 6
6471	OLD GOLD	$7.65	$9.95	$17.25		1, 3, 6
6485	TITANIUM YELLOW	$4.50	$5.85	$10.10		1, 3, 6
6500	SAGE GREY	$5.20	$6.75	$11.70		1, 3, 6
6527	SHADOW GREY	$3.90	$5.10	$8.90	Disc	3, 5
6540	BLUE GRAY	$9.00	$11.75	$20.35		3, 6
6573	ROSE TAUPE	$5.00	$6.55	$11.30	Disc	3, 5
6591	GUN-METAL Base	$5.55	$7.20	$12.50		3, 6
6600	BLACK Base	$6.55	$8.55	$14.80		1, 3, 6
6650	COBALT. FREE BLACK	$5.05	$6.60	$11.40		3, 5
6700	WHITE	$3.55	$4.65	$8.00		3, 6
6768	TIN WHITE	$10.65	$13.80	$23.95		3,6

COLOR BROCHURES AVAILABLE $7.00ea

Discontinued color 6128 Camel brown $6.00/lb,

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

REFERENCE NOTES

1. CAN BE USED AS A 'BODY STAIN' 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 'BODY STAIN'.

FIRING TEMPERATURES CAN ONLY BE A ROUGH GUIDE. FIRING AT 2200F ON A SLOW SCHEDULE MAY GIVE THE EQUIVALENT MATURING AS FIRING AT 2300F ON A FAST SCHEDULE. THE CYCLE, ATMOSPHERE AND RATE OF COOLING WILL ALL AFFECT THE COLOR.

2. MAX FIRING LIMIT 2156F (1180C).
3. MAX FIRING LIMIT 2300F (1260C).
4. MAX FIRING LIMIT 1976F (1080C).

ZINC OXIDE INFLUENCES THE COLOR IN A GLAZE MORE THAN ANY OTHER ELEMENT.GENERALLY, ZINCLESS GLAZES SHOULD NOT CONTAIN 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 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 THE 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% CaO(12-15% $CaCO_3$).