[illegible]

12511 - 97% Pb_3O_4

12512 - 98 " " 98-98.7

12507 - 90 "

12508 25 "

12506 - 65 " 2.1 day

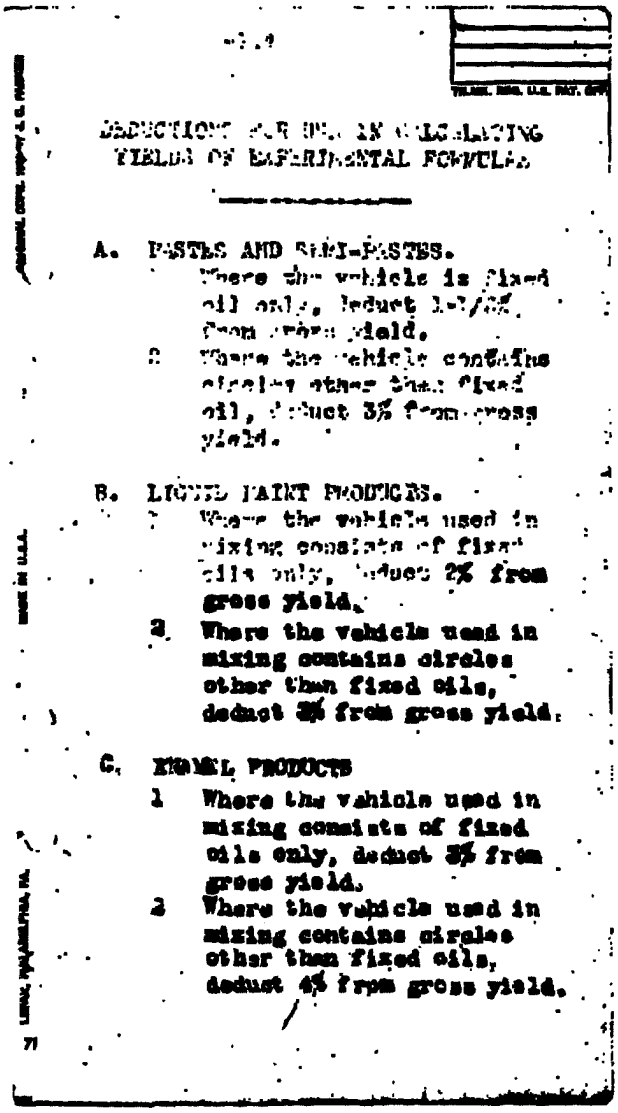
12500 - 1045 - [illegible]

12501 - 48

12507 - 1994 day

1251 - [illegible] 40%

N25288



DEDUCTIONS FOR USE IN CALCULATING YIELDS OF EXPERIMENTAL FORMULAS

A. PASTES AND SEMI-PASTES.
1. Where the vehicle is fixed oil only, deduct 1-1/2% from gross yield.
2. Where the vehicle contains circles other than fixed oil, deduct 3% from gross yield.

B. LIQUID PAINT PRODUCTS.
1. Where the vehicle used in mixing consists of fixed oils only, deduct 2% from gross yield.
2. Where the vehicle used in mixing contains circles other than fixed oils, deduct 3% from gross yield.

C. ENAMEL PRODUCTS
1. Where the vehicle used in mixing consists of fixed oils only, deduct 3% from gross yield.
2. Where the vehicle used in mixing contains circles other than fixed oils, deduct 4% from gross yield.

0007-SWP-000120494

C ENAMEL PRODUCTS (Continued)

3 Where base colors are used, deduct 2% from gross yield.

D Q. D. COLORS.

1 Deduct 6% from gross yield on Q. D. Blacks

2 Deduct 4% from gross yield on all Q.D.'s other than Blacks.

E. NO GRIND FORMULAE.

1 On all formulae which show no grind, but are mixed only, deduct 1% from gross yield

F. Products which do not come under the above classes shall be given deductions which in the opinion of the Formulator are merited

0007-SWP-000120495

SUGGESTED SUBSTITUTES FOR OBSOLETE CIRCLES FORMULATORS SHOULD VERIFY BY TRIAL BATCHES WHENEVER NECESSARY.

(8)	Sp.	Use	(8)
(9)		"	(183)
(10)		"	(183)
(11)	See Rx 10165		
(12)	Sp.	Use	(12)
(15)		"	(812)
(17)		"	(183)
(18)		"	(38)
(18)	Sp		
(19)		"	(38)
(19)	Sp.		
(24)		"	(25 - (418)
(24)		"	(25 - (438)
(24)		"	(1½ - (31)
(30)		"	(1½ -V-2325
			(3 (8)
(31)T		"	(31)
(46)		"	(348)
(47)		"	(39)
(50)	See Rx 500		
(51)	Suggest		(54) (797)
			V-2303 (498) V-2238
(52)	Suggest		(13)
(72)	Use		(433)
(75)	"		(56)
(86)	"		(168)
(102)	"		(104)
(109)	"		(3 - (48)
			(2 - (348)

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(117)		Use	(8)
(130)	See Rx 58		
(132)		Use	(895)
(139)		Use	(10 - (878)
			(1 - (65)
(142)		Use	(172)
(143)		"	(144)
(155)		"	(45)
(211)		"	(181)
(233)		"	(438)
(242)		"	(14)
(248)		"	(240)
(252)	Suggest		(213)
(253)		Use	(1175)
(272)		"	(92)
(313)		"	(501)
(314)		"	(502)
(316)		"	(504)
(317)		"	(505)
(321)		"	(509)
(325)		"	(8)
(331)		"	(8)
(334)		"	(14)
(340)	See 02635		
(353)	" 01132		
(377)		Use	(812)
(384)		"	(240)
(391)		"	(236)
(397)		"	(311)

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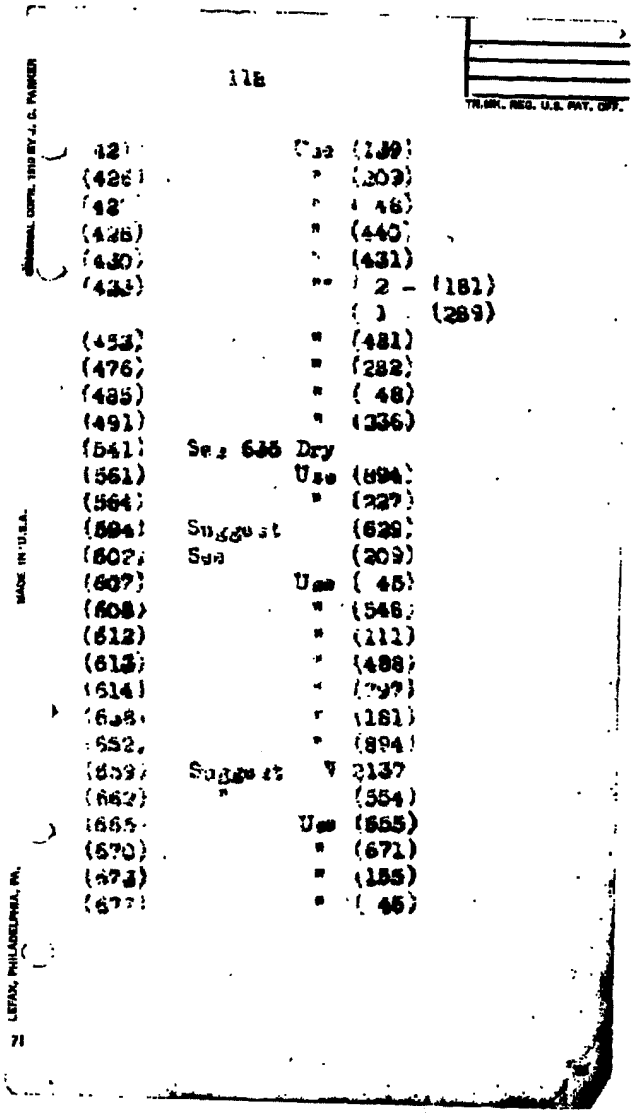

(42[illegible])		Use	(139)
(426)		"	(209)
(42[illegible])		"	(46)
(426)		"	(440)
(430)		"	(431)
(433)		"	(2 - (181)
			(1 - (289)
(453)		"	(481)
(476)		"	(282)
(485)		"	(48)
(491)		"	(336)
(541)	See 635 Dry		
(561)		Use	(894)
(564)		"	(227)
(594)	Suggest		(629)
(602)	See		(209)
(607)		Use	(45)
(608)		"	(546)
(612)		"	(111)
(613)		"	(488)
(614)		"	(797)
(638)		"	(181)
(652)		"	(894)
(659)	Suggest	"	2137
(662)	"		(554)
(665)		Use	(655)
(670)		"	(671)
(673)		"	(155)
(677)		"	(45)

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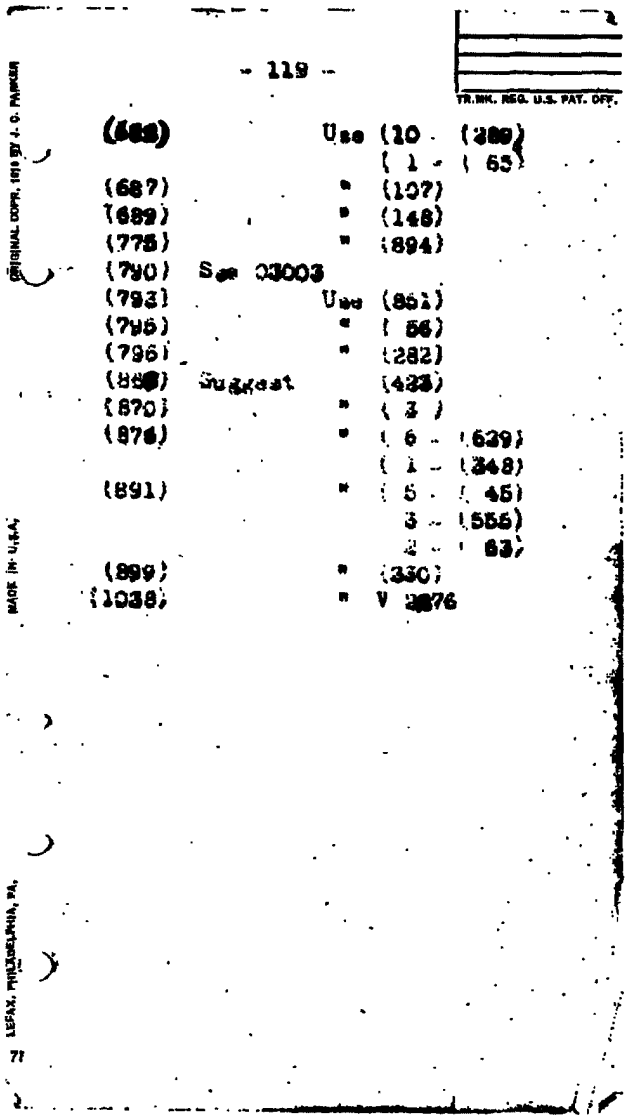

(888) Use (10 - (289)
(1 - (65)
(887) " (107)
(889) " (148)
(775) " (894)
(790) See 03003
(793) Use (861)
(795) " (56)
(796) " (282)
(888) Suggest (423)
(870) " (3)
(876) " (6 - (629)
(1 - (348)
(891) " (5 - (45)
3 - (556)
2 - (83)
(899) " (330)
(1038) " V 2876

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-120-

CONVERSION OF FRACTIONS INTO DECIMALS

Gal.	Decimal	Flu.Oz.
63/64	.9844	126
31/32	.9687	124
61/64	.9531	122
15/16	.9375	120
59/64	.9219	118
29/32	.9062	116
57/64	.8906	114
7/8	.875	112
55/64	.8594	110
27/32	.8437	108
53/64	.8281	106
13/16	.8125	104
51/64	.7969	102
25/32	.7812	100
49/64	.7656	98
3/4	.750	96
47/64	.7344	94
23/32	.7187	92
45/64	.7031	90
11/16	.6875	88
43/64	.6719	86
21/32	.6562	84
41/64	.6406	82
5/8	.625	80
39/64	.6094	78
19/32	.5937	76

0007-SWP-000120500

~~69 95~~
~~100~~
-121-

Gal.	Decimal	Flu. Oz.
37/64	.5781	74
9/16	.5625	72
35/64	.5469	70
17/32	.5312	68
33/64	.5156	66
1/2	.500	64
31/64	.4844	62
15/32	.4687	60
29/64	.4531	58
7/16	.4375	56
27/64	.4219	54
13/32	.4062	52
25/64	.3906	50
3/8	.375	48
23/64	.3594	46
11/32	.3437	44
21/64	.3281	42
5/16	.3125	40
19/64	.2968	38
9/32	.2812	36
17/64	.2656	34
1/4	.25	32
15/64	.2344	30
7/32	.2187	28
13/64	.2031	26
3/16	.1875	24
11/64	.1719	22

0007-SWP-000120501

~~70 94~~
~~104~~
-122-

Gal.	Decimal	Flu. Oz.
5/32	.1562	20
9/64	.1406	18
1/8	.125	16
7/64	.1094	14
3/32	.0937	12
5/64	.0781	10
1/16	.0625	8
3/64	.0469	6
1/32	.0312	4
1/64	.0156	2

0007-SWP-000120502

KEY TO MAJOR CHARACTER CLASSIFICATION.

** 011 Aluminum Bronze
** 012 Gold Bronze
** 013 Copper Colored Bronze
** 014 Miscellaneous Bronze

** 020 Liquids - Miscellaneous
** 030 Liquid Paint Product *
** 040 Paste Paint Products *
** 051 Cold Water Kalsomine
** 052 Hot " "
** 053 Cold Water Paint
** 060 Cement Paint - Liquid
** 061 Cement Paint - Paste

* 111 Paste Paints - Vehicle containing oil only

* 112 Paste Paints -Vehicle containing oil with driers, reducing oils, varnishes and volatile.

* 113 Paste Paints-Vehicle containing no oil as such, but composed of varnishes, reducing oils, driers and volatiles.

* 114 Vehicle containing Castor Oil

* 121 Semi Paste Paints - Vehicle containing oil only.

* 122 Semi Paste Paints - Vehicle containing oil with driers, reducing oils, varnishes and volatiles.

0007-SWP-000120503

*	123	Semi Paste Paints - Vehicle containing no oil as such, but composed of varnishes, reducing oils, driers and volatiles.
*	131	Oil Colors - C. P. colors and pure oil.
*	132	Oil Colors - C. P. colors and oil with driers.
*	133	Oil Colors - Extended colors and pure oil.
*	134	Oil Colors - * * and oil with driers.
	211	Q. D. Striping Colors
	221	Q. D. colors for usage under varnish.
	222	Q. D. colors for usage under color varnish.
	231	Liquid Ground Colors and Sealers
*	311	Wood Sash Glazing Putties (Primaless)
*	312	Wood Sash Glazing Putties (ordinary usage)
*	313	Metal Sash Glazing Putties
	314	Hard Drying Putties for metal surfaces
	315	Hard Drying Putties for wood surfaces

0007-SWP-000120504

* 321 Seam, Crack and Crevice Fillers
* 322 Paste Wood Fillers
* 323 Liquid Wood Fillers
324 Iron Fillers

331 Gear Fillers
332 Wheel *
333 Body *
334 Rough Stuffs

411 Primers - Wood & General Usage
412 * - Metal
413 * - Plaster
414 * - Concrete
415 * - Brick and Stone
416 * - Composition and Miscellaneous

421 Liquid Flat Colors other than primers.

431 Liquid Paints - General purpose having gloss or semi-gloss.
432 Liquid Paints - Metal protective having gloss or semi-gloss.
433 Liquid Paints having a gloss or semi-gloss for concrete, brick, stone and composition surfaces.
434 Liquid Paints having a gloss or

0007-SWP-000120505

semi-gloss especially for interior usage.

** 435 Liquid Paints not air drying

511 Enamels - Gloss not included in 513
512 Enamels - Semi-Gloss
513 " - Gloss for exterior usage primarily.

521 Color Varnishes - Gloss
522 " " - Semi-Gloss

531 Varnish Stains

611 Spirit Lacquers - Transparent without Soluble Color or Nitro-Cotton.
612 Spirit Lacquers with soluble color without Nitro Cotton.
613 Spirit Lacquers Pigment without Nitro Cotton.

631 Varnish Lacquers - Gloss

711 Oil Stains
712 Penetrating (Spirit) Stains
713 Shingle Stains
714 Acid Stains

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811 Glyceryl Phthalate Enamels
- Gloss

812 Glyceryl Phthalate Enamels
- Semi-Gloss

813 Glyceryl Phthalate Enamels
- Gloss - (For Exterior Usage)

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