August 16, 1948

L.I.A. Paint No. 117
Reference: PR 17

PIGMENT	WEIGHT % 51.3	POUNDS FOR 100 GALS.	POUNDS PER SOLID GALLON	GALLONS
Red Lead, 97%(TT-R-191a)	53.00	360.00	73.3	4.92
Zinc Yellow(TT-Z-415, Type I)	9.85	66.90	29.2	2.29
Zinc Oxide, Lead Free(TT-Z-301)	7.95	54.10	46.5	1.16
Graphitic Mica	15.13	103.00	24.3	4.24
Raw Sienna(F.S. TT-S-346, Type I)	3.97	27.00	26.7	1.01
Magnesium Silicate(52-MC-523,Type I)	9.85	66.90	23.7	2.82
Aluminum Stearate(52-A-12a)	.28	1.93	8.4	.23
	100.03			

VEHICLE	48.7			
Vehicle No. 27	69.00	449.60	7.8	57.20
Aromatic Mineral Spirits	29.70	192.00	7.45	25.80
Cobalt Naphthenate (6%)	.14	.94	8.0	.12
Lead Naphthenate (24%)	.90	5.86	9.6	.61
Manganese Naphthenate(6%)	.14	.94	8.1	.12
Antiskin Agent	.16	1.07	7.55	.14
	100.04	1130.04		100.66

APPLICATION

WEIGHT PER GALLON 13.2 lbs.

PV(% Pigment by Volume in non-volatile portion of paint) 34.6%

VOLATILE AND THINNER IN VEHICLE 56.5%

Method: Spray
No. of Coats: 2
Dry film thickness per coat: 1.5 mils ± 10%
Painting Schedule:
Between Coats - overnight
Before Exposure - 72 hrs.

N2815

L.I.A. Paint No. 318
References: PR 17

	% WEIGHT	POUNDS FOR 100 GALS.	POUNDS PER SOLID GALLON	GALLONS
PIGMENT	52.3			
Red Lead, 97%(TT-R-191a)	53.0	367	7½	4.96
Zinc Yellow(TT-Z-415, Type I)	10.0	69	29.5	2.34
Zinc Oxide,Lead Free(TT-Z-301)	8.0	55	46.7	1.18
Raw Sienna(F.S. TT-S-346, Type I)	4.0	28	26	1.08
Graphitic Mica	15.0	104	23.3	4.46
Magnesium Silicate(52-MC-523,Type I)	9.7	67	23.8	2.82
Aluminum Stearate(52-A-12a)	0.3	2.1	8.3	0.25
	100.0			
VEHICLE	47.6			
Alkyd Solution(Navy 52-R-13a) Grade Ia	43.3	273	7.9	34.56
LIA Vehicle 27	25.4	160	8.6	18.61
Mineral Spirits(TT-T-291a,Grade I)	29.3	185	6.5½	28.29
Pb Naphthenate(24)	1.4	9.0	9.6	0.94
Co Naphthenate(6)	0.2	1.4	8.0	0.18
Mn Naphthenate(6)	0.2	1.4	8.1	0.17
Antiskin Agent	0.2	1.3	7.6	0.17
	100.0	1323.2		100.01

WEIGHT PER GALLON 13.2 lbs.
PV(% pigment by volume in non-volatile portion of paint) 35
VOLATILE AND WATER IN VEHICLE 52.1 %
• O.L. 2466 Solution

APPLICATION
Method: Spray
No. of Coats: 2
Dry film thickness per coat: 1.5 mils ± 10%
Painting Schedule:
Between Coats - overnight.
Before Exposure - 72 hours.

L.I.A. Paint No. 319
Reference: PR 17

	WEIGHT %	POUNDS FOR 100 GALS.	POUNDS PER SOLID GALLON	GALLONS
PIGMENT	**52.5**			
Red Lead, 97%(TT-R-191a)	53.00	372.00	73.3	5.08
Zinc Yellow(TT-Z-415, Type I)	10.30	72.40	29.2	2.48
Zinc Oxide, Lead Free(TT-Z-301)	7.74	64.20	46.5	1.38
Graphitic Mica	14.93	103.60	24.3	4.25
Raw Sienna(F.S. TT-S-146, Type I)	3.87	27.10	26.7	1.01
Magnesium Silicate(52-MC-523,Type I)	9.96	69.90	23.7	2.94
Aluminum Stearate(52-A-12a)	.36	2.56	8.4	.30
	100.06			
VEHICLE	**47.5**			
Alkyd Resin Solution(52-MC-508 Type I)	29.72	188.60	8.0	23.59
Vehicle No. 5	36.50	231.62	7.5	30.99
Aromatic Mineral Spirits	32.60	206.50	7.45	27.80
Lead Naphthenate(24%)	.83	5.29	9.6	.55
Cobalt Naphthenate(6%)	.13	.83	8.0	.10
Manganese Naphthenate(6%)	.13	.83	8.1	.10
Antiskin Agent	.17	1.07	7.55	.14
	100.08	1346.30		103.71

WEIGHT PER GALLON 13.4 lbs.
PV(% Pigment by volume in non-volatile portion of paint) 35.5%
Volatile and Drier in Vehicle 57.3%
eO.S. 2529 Solution

APPLICATION

Method: Spray
No. of Coats: 2
Dry film thickness per coat: 1.5 mils ± 10%
Painting Schedule:
Between Coats - overnight
Before Exposure - 72 hrs.

L.I.A. Paint No. 320
Reference: PE 17

	WEIGHT %	POUNDS FOR 100 GAL.	POUNDS PER SOLID GALLON	GALLONS
PIGMENT	53.9			
Red Lead, 97%(TT-R-191a)	45.0	330	74	4.46
Lemon Chrome Yellow(F.S. TT-C-290 Type II)	15.0	110	48.7	2.26
Zinc Oxide,Lead Free(TT-Z-301)	8.0	59	46.7	1.26
Zinc Yellow(TT-Z-415,Type I)	7.0	51	29.5	1.73
Graphitic Mica	15.0	110	23.3	4.72
Magnesium Silicate(52-MC-523, Type I)	10.0	73	23.8	3.07
	100.0			
VEHICLE	46.1			
Alkyd Resin Solution (Navy 52-R-13a) Grade I	43.4	273	7.9	34.56
LIA Vehicle 27	25.5	160	8.6	18.61
Mineral Spirits(TT-T-291a,Grade I)	29.0	182	6.5±	27.83
Pb Naphthenate(24)	1.5	9.2	9.6	0.96
Co Naphthenate(6)	0.2	1.4	8.0	0.18
Mn Naphthenate(6)	0.2	1.4	8.1	0.17
Antiskin Agent	0.2	1.4	7.6	0.18
	100.0	1361.4		99.99

WEIGHT PER GALLON 13.6 lbs.
PV(% Pigment by volume in non-volatile portion of paint 35
VOLATILE AND DRIER IN VEHICLE 52.9%

*)O.E. 2466 Solution

APPLICATION

Method: Spray
No. of Coats: 2
Dry film thickness per coat 1.5 mils ± 10%
Painting Schedule:
Between Coats - overnight
Before Exposure - 72 hours

L.I.A. Paint No. 321
Reference: PR 17

PIGMENT	WEIGHT % 37.0	POUNDS FOR 100 GAL.	POUNDS PER SOLID GALLON	GALLONS
Red Lead, 97%(TT-R-191a)	53.60	216.70	73.3	2.96
Zinc Yellow(TT-Z-415, Type I)	10.04	40.70	29.2	1.39
Zinc Oxide, Lead Free(TT-Z-301)	8.03	32.50	46.5	.70
Graphitic Mica	14.70	59.60	24.3	2.45
Raw Sienna(F.S. TT-S-346, Type I)	4.02	16.25	26.7	.61
Magnesium Silicate(52-MC-52),Type I)	9.38	37.90	23.7	1.67
Aluminum Stearate(52-A-12a)	.33	1.35	8.4	.16
	100.10			

VEHICLE	63.0			
VAGH Vinylite	4.72	32.50	11.6	2.80
Vehicle No. 27	42.45	92.00	8.3	35.15
Hi-Flash Naphtha	17.12	118.00	7.25	16.30
Ethyl Butyl Ketone	35.00	240.50	6.83	35.20
Cobalt Naphthenate(6%)	.07	.50	8.0	.06
Lead Naphthenate (24%)	.45	3.12	9.6	.32
Manganese Naphthenate(6%)	.07	.50	8.1	.06
Anti-Skin Agent	.14	.95	7.55	.12
	100.02	1093.07		99.95

WEIGHT PER GALLON 10.9 lbs.
PV(%Pigment by Volume in non-volatile portion of paint) 35.1 %
Volatile and Drier in Vehicle 73.68%

APPLICATION
Method: Spray
No. of Coats: 2
Dry film thickness per coat: 1.5 mils @ 10g
Painting Schedule:
Between Coats - overnight
Before Exposure - 72 hours

L.I.A. Paint No. 322
Reference: PR 17

	WEIGHT %	POUNDS FOR 100 GALS.	POUNDS PER SOLID GAL.	POUNDS PER SOLID GALS.
PIGMENT	49.8			
Red Lead, 97% grade(TT-R-191a)	52.70	330.00	73.3	4.50
Zinc Yellow(TT-Z-415, Type I)	10.00	62.80	29.2	2.15
Zinc Oxide, Lead Free(TT-Z-301)	7.95	49.75	46.5	1.07
Graphitic Mica	15.05	94.30	24.3	3.88
Raw Sienna(F.S. TT-S-176, Type I)	3.98	24.90	26.7	.93
Magnesium Silicate(S2-MC-S2), Type I)	10.00	62.80	23.7	2.65
Aluminum Stearate(S2-A-12a)	.31	1.96	8.4	.23
	99.99			
VEHICLE	50.2			
Vehicle No. 5	61.89	391.30	7.5	52.32
Aromatic Mineral Spirits	37.10	234.50	7.45	31.50
Lead Naphthenate(24%)	.68	4.27	9.6	.44
Cobalt Naphthenate(6%)	.10	.67	8.0	.08
Manganese Naphthenate(6%)	.10	.67	8.1	.08
Antiskin Agent	.16	1.00	7.55	.13
	100.03	1258.92		99.96

WEIGHT PER GALLON 12.6 lbs
PV(% Pigment by volume in non-volatile portion of paint) 35.2%
Volatile and Drier in Vehicle 62.9%

APPLICATION
Method: Spray
No. of Coats: 2
Dry film thickness per coat: 1.5 mils ±10%
Painting Schedule:
Between Coats - overnight
Before Exposure - 72 hours.

L.I.A. Paint No. 323
Reference: PR 17

	WEIGHT %	POUNDS FOR 100 GALLONS	POUNDS PER SOLID GALLON	GALLONS
PIGMENT	60.7			
Red Lead, 97% grade(TT-R-191a)	55.2	494	74	6.678
Zinc Yellow (TT-Z-415, Type I)	10.4	93	29.5	3.156
Raw Sienna(F.S.TT-S-346, Type I)	4.2	37	26	1.430
Graphitic Mica	15.6	140	23.3	6.011
Magnesium Silicate(52-MC-523, Type I)	14.3	128	23.8	5.397
Aluminum Stearate(52-A-12a)	0.3	2.5	8.3	0.296
	100.0			
VEHICLE	39.3			
(Navy 52-R-13a)				
Alkyd Resin Solution* Grade I	45.8	266	7.9	33.647
Raw Linseed Oil	28.5	165	7.73	21.388
Mineral Spirits(TT-T-291a,Grade I)	22.7	131	6.58	20.068
Pb Naphthenate(24)	2.1	12.3	9.6	1.291
Co Naphthenate(6)	0.3	1.8	8.0	0.230
Mn Naphthenate(6)	0.3	1.8	8.1	0.227
Antiskin Agent	0.3	1.5	7.6	0.202
	100.0	1473.9		100.001

WEIGHT PER GALLON 14.7 lbs
PV(% Pigment by volume in non-volatile portion of paint) 34.9
VOLATILE AND DRIER IN VEHICLE 39.4%

* G. E. 2466 Solution

APPLICATION
Method: Spray
No. of Coats: 2
Dry Film Thickness per coat: 1.5 mils ± 10%
Painting Schedule:
Between Coats - 24 hours
Before Exposure - 1 week

L.I.A. Paint No. 324
Reference: FR 17

	WEIGHT %	POUNDS FOR 100 GALLONS	POUNDS PER SOLID GALLON	GALLONS
PIGMENT	46.8			
Red Lead, 97% grade	53.0	341	7%	4.61
Zinc Yellow(TT-Z-415,Type I)	10.0	64	29.5	2.19
Zinc Oxide,Lead Free(TT-Z-301)	8.9	52	46.7	1.10
Raw Sienna(F.S.TT-S-346, Type I)	4.0	25	26	0.98
Graphitic Mica	15.0	96	23.3	4.13
Magnesium Silicate(52-MC-523, Type I)	9.7	62	23.8	2.27
Aluminum Stearate(52-A-12a)	0.3	1.9	8.3	0.23
	100.0			
VEHICLE	51.2			
Alkyd Resin Solutions	42.3	276	7.73	35.67
LIA Vehicle 27	29.6	192	8.7	22.10
Raw Linseed Oil	7.1	45	7.73	5.85
Mineral Spirits(TT-T-291a Grade I)	18.9	12%	6.5%	18.90
Pb Naphthenate(24)	1.5	10	9.6	1.05
Co Naphthenate(6)	0.2	1.5	8.0	0.19
Mn Naphthenate(6)	0.2	1.5	8.1	0.18
Antiskin Agent	0.2	1.5	7.6	0.19
	100.0	1293.4		99.67

WEIGHT PER GALLON	13.0 lbs.
PV(% Pigment by volume in non-volatile portion of paint)	35
VOLATILE AND DRIER IN VEHICLE	52.9%

APPLICATION
Method: Spray
No. of Coats: 2
Dry Film thickness per coat: 1.5 mils @ 10%
Painting Schedule:
Between Coats - overnight
Before Exposure - 72 hours

oLinseed Modified glyceryl Phthalate Resin, 34% P.A., Non-Volatile = 50% by Wt. O. S. 24.5% Solution

L.I.A. Paint No. 325
References: FR 17

	WEIGHT %	POUNDS FOR 100 GALLONS	POUNDS PER SOLID GALLON	GALLONS
PIGMENT	52.5			
Red Lead, 97% Grade(TT-R-191a)	45.0	306	7½	4.14
Titanium Dioxide(F.S.TT-T-425)	10.0	68	32.5	2.09
Zinc Yellow(TT-Z-415,Type I)	10.0	68	29.5	2.31
Zinc Oxide,Lead Free(TT-Z-301)	10.0	68	46.7	1.46
Magnesium Silicate(52-MC-52), Type I)	10.0	68	23.8	2.86
Graphitic Mica	15.0	102	23.3	4.38
	100.0			
VEHICLE	47.5			
(Navy 52-V-13a) Alkyd Resin Solution Grade I	64.9	396	7.9	50.38
Mineral Spirits(TT-T-291a,Grade I)	32.9	202	6.54	30.89
Pb Naphthenate(24)	1.5	9.4	9.6	0.98
Co Naphthenate(6)	0.23	1.4	8.0	0.18
Mn Naphthenate(6)	0.22	1.4	8.1	0.17
Antiskin Agent	0.25	1.5	7.6	0.20
	100.0	1293.7		100.0%

WEIGHT PER GALLON 12.9 lbs.
PV(% Pigment by volume in non-volatile portion of paint) 35
VOLATILE AND DRIER IN VEHICLE 58.7%

Mil. 2466 Solution

APPLICATION

Method: Spray
No. of Coats: 2
Dry film thickness per coat: 1.5 mils ± 10%
Painting Schedule:
Between Coats - overnight
Before Exposure - 72 hours