

FILED

Formula Number Y-1892-G-1 &

Product Endurance House Paint - #1892 Non-Chalking

Laboratory Number

Customer

R.M. Cost

Date 3/31/67

CODE NUMBER	100 GALLON BATCH		% BY WEIGHT	MANUFACTURING INSTRUCTIONS	NPVLA	Label Naming	METHOD
	GALLONS	POUNDS					
						Wh./Gal.	
						Flash Pt. °F.	
						H.V. Wt.	
						H.V. Vol.	
						Visc. F.B.	
						Visc. Red.	
						Reducer	Ratio
						P.V.C.	pH
						Color	Match
						Gloss	Method
						Strainer	
						Container	
						Application	
						AD/Bake	
						Recoat Time	
						Remarks	
						Formulator	
						Approved by	

DISCONTINUED: REPLACED WITH Y-1801

Per T. M. Steppart

Standard Formula,
Not to be taken
from file.

N12074

GLD059151

CLASS

CODES

Product

DESCRIPTORS (20 spaces - limit)

Label Warning

Trade Name

Customer

ANALYSIS

Substrate and Treatment

Pigment

%

End Use

Vehicle

%

Specifications

Royalty

Yes ☐

No ☐

Silicone

Yes ☐

No ☐

Pigment

Resins

Color

Gloss

For Use On

Resistance

Manufactured at Plants

Vehicle

Manufacturing Instructions or Remarks

GLD059152

Product: **Endurance House Paint - #1892 Non-Chalking**

Customer:

Formula Number **Y-1892-G-2**

Laboratory Number

Date **3/1/67**

Grind **3-4**

NPVLA %Load **-1**

Label Warning **13-62** METHOD

Vt./Gal. **14.3** **5-A-1**

Flash Pt. **100**

N.V.Wt. **89.6**

N.V.Vol. **77.9**

Visc. **90-95** **4-C-1**

Visc. Red.

Reducer Ratio

P.V.C. **42.6** pH

Color **White** Match

Gloss **60 min.** Method

Strainer

Containers

Application **Brush**

Cur. **Air Dry: Overnight**

Recoat: **48 hrs.**

Remarks

Formulator **Green/Southwick**

Approved by **Bowell**

CODE NUMBER	100 GALLON BATCH		% BY WEIGHT	MANUFACTURING INSTRUCTIONS
	GALLONS	POUNDS		
W-134	12.00	325.0		
N-830	2.91	100.0		
N-547	4.26	200.0		
N-121	13.29	300.0		
E-846	0.76	15.0		
C-978	0.42	3.4		
E-342	1.20	11.6		
E-380	0.15	1.2		
F-190	6.80	51.1		
O-109	4.80	37.8		
V-2390	6.90	53.5		
O-101	29.50	229.0		
S-330	12.50	81.2		
S-348	3.90	25.7		
E-324	0.13	1.0		
E-419	0.50	4.1		
Yield	100.02	1439.6		

Standard Formula
Not to be taken
from File

Date: 3/1/67 Formula No. 1892-2-2

CLASS
CODES

Product: Endurance House Paint -
#1892 Non-Chalking White

DESCRIPTORS (20 spaces-limit)

Label Warning: #11-62 NPVLA

Trade Name Customer

ANALYSIS

Substrate and Treatment

Pigment 65.3 %

End Use

Vehicle 34.7 %

Specifications

100.0%

Royalty Yes ☐ No ☒ Silicone Yes ☐ No ☒

Pigment

Resins Soya Alkyd, Treated Linseed Oil

Titanium Calcium 34.6%

Titanium Dioxide 10.6%

Zinc Oxide 21.3%

Calcium Carbonate 33.5%

Color Gloss

For Use On

100.0%

Resistance

Manufactured at Plant #4-8-15

Vehicle

Soya Alkyd Resin 17.1%

Treated Linseed Oil 53.4%

Mineral Spirits &

Driers 29.5%

100.0%

Di(Phenyl-Mercury)

Dodecenyl Succinate

0.06%

Inert Ingredients

99.94%

100.00%

NO CHANGE IN ANALYSIS

F-1892-2

667

CLASS
CODES

Product Endurance House Paint -
#1892 Non-Chalking White

DESCRIPTORS (20 spaces - limit)

Label Warning #14-62 NPVLA

Trade Name Customer

ANALYSIS

Substrate and Treatment

Pigment 65.3 %

End Use

Vehicle 34.7 %

Specifications

100.0%

Royalty Yes ☐ No ☒ Silicone Yes ☐ No ☒

Pigment

Resins Soya Alkyd, Treated Linseed Oil

Titanium Calcium 34.6%

Titanium Dioxide 10.6%

12% Leaded Zinc Oxide 21.3%

Calcium Carbonate 33.5%

Color Glass

For Use On

100.0%

Resistance F 30 1-4-67

#30 (Gazpeta) 1-13-68

Manufactured at Plant #1-2-5-11-12-17 2-16-67

Vehicle

Stampet: 4-8-14-15-16 2-16-67

Soya Alkyd Resin 17.1%

Manufacturing Instructions or Remarks

Treated Linseed Oil 53.4%

Mineral Spirits &

Di(Phenyl-Mercury)

Driers 29.5%

Dodecenyl Succinate 0.06%

100.0%

Inert Ingredients 99.94%

100.00%

NO CHANGE IN ANALYSIS

Y-1892-1 667

Product **Endurance House Paint #1892 Non-Chalking**

Formula Number **Y-1892-0-2**

Customer

Laboratory Number

100 GALLON BATCH

~~XXXX~~ Pebbles - Date 7/20/66

CODE NUMBER

GALLONS

POUNDS

% BY WEIGHT

MANUFACTURING INSTRUCTIONS

~~McCawles~~ - Grind 3-4

NPVLA %Lead Less than 1%

Label Warning 11-62 METHOD

W-180

12.00

325.0

Wt./Gal. 14.3# 5-A-1

W-290

2.91

100.0

Flash Pt. 100

W-294

4.26

200.0

N.V.M. 29.6

W-121

13.29

300.0

N.V.Vol. 77.9

W-282

0.76

15.0

Visc. F. 90-95 4-C-1

CH-475

0.42

3.4

Visc. Red.

VM-432

1.20

11.6

Reducer Ratio

VM-523

0.15

1.2

P.V.C 42.6 pH

O-314

6.80

51.1

Color White Match

O-9

4.80

37.8

Glass 60 min. Method

V-863

6.90

53.5

Strainer

O-1

29.50

229.0

Container

S-43

12.50

81.2

Application Brush

S-148

3.90

25.7

Cure Overnight

VH-534

0.13

1.0

Remarks Changed to improve sag control.

VH-659

0.50

4.1

Formulator Green/Southwick

Approved By S. Bowell

Standard Formula
Not to be taken
from file

Total

100.02 1439.6

CLASS

CODES

DESCRIPTORS (20 spaces-limit)

Trade Name

Customer

Substrate and Treatment

End Use

Specifications

Royalty

Yes ☐

No ☒

Silicone

Yes ☐

No ☒

Date

7/20/66

Formula No.

Y-1892-0

Product

Endurance House Paint

#1892 Non-Chalking

Label Warning

#11-62 NPVIA

ANALYSIS

Pigment

65.3

Vehicle

34.7

100.05

Pigment

Titanium Calcium

34.65

Titanium Dioxide

10.65

Zinc Oxide

21.35

Calcium Carbonate

33.55

100.05

Color

Gloss

For Use On

Resistance

Manufactured or Placed

#4-8-16

8-3-66 #1

Vehicle

Soya Alkyd Resin

17.15

Treated Linseed Oil

53.45

Mineral Spirits &

Driers

29.55

100.05

DI(Phenyl- Mercury)

Dodecanyl Succinate

0.05%

Inert Ingredients

99.94%

100.00%

Y-1892-2

667

Product **Endurance House Paint - #1892 Non-Chalking**

Customer

Formula Number **Y-1892-C-1**

Laboratory Number **949**

RMW Warehouse **7/20/**

MHPebble-Cowland **3-4**

NPVLA %Lead **More than 1%**

Label Warning **14-62** METHOD

Vt./Gal. **14.37** **5-A-1**

Flash Pt. **°F100**

N.V.Wt. **89.6**

N.V.Vol. **77.9**

Visc. F. **90-95** **4-C-1**

Visc. Red.

Reducer Ratio

P.V.C. **42.6** pH

Color **White** Match

Gloss **60 min.** Method

Strainer

Container

Application **Brush**

Cure **Overnight**

Recoat: **48 hrs.**

Remarks **Changed to improve**
sag control.

Formulator **Green/Southwick**

Approved by **S. Bowell**

CODE NUMBER	100 GALLON BATCH		% BY WEIGHT	MANUFACTURING INSTRUCTIONS
	GALLONS	POUNDS		
W-180	12.00	325.0		
W-290	2.91	100.0		
W-35	4.26	200.0		
W-121	13.29	300.0		
W-282	0.76	15.0		
OH-475	0.42	3.4		
VM-432	1.20	11.6		
VM-523	0.15	1.2		
O-314	6.80	51.1		
O-9	4.80	37.8		
V-863	6.90	53.5		
O-1	29.50	229.0		
S-43	12.50	81.2		
S-148	3.90	25.7		
VM-534	0.13	1.0		
VM-659	0.50	4.1		
Yield:	100.02	1439.6		

Standard Formula.
Not to be taken
from file.

Date **7/20/66** Formula No. **Y-1892-0-1**

CLASS _____
CODES _____

Product **Endurance House Paint**
#1892 Non-Chalking

DESCRIPTORS (20 spaces-limit)

Label Warning **#14-62 NPVL**

Trade Name _____ Customer _____

ANALYSIS

Substrate and Treatment _____

Pigment **65.3**

End Use _____

Vehicle **24.7**

Specifications _____

100.0%

Royalty Yes ☐ No ☒ Silicone Yes ☐ No ☒

Pigment

Resins **Soya Alkyd, Treated Linseed Oil**

Titanium Calcium 34.6%

Titanium Dioxide 10.6%

12% Leaded Zinc Oxide 21.3%

Calcium Carbonate 33.5%

Color _____ Gloss _____

For Use On _____

Resistance _____

at Indies 8-8-66 (5)

Manufactured at Plant **#1-2-5-11-12-17** **8-3-66**

Costa Rica 7-2-66 (5)

at them, Guate 10-17-66 (5)

Vehicle _____

Stamped: # 4-8-14-15-16 8-3-66

Manufacturing Instructions or Remarks _____

Soya Alkyd Resin 17.1%

Treated Linseed Oil 53.4%

Mineral Spirits &

Driers 29.5%

D1 (Phenyl-Mercury)

Dodeceny Succinate 0.06%

Inert Ingredients 99.94%

100.00%

100.0%

hp open, m. p. 10-17-66 (5)

m. p. 10-17-66 (5)

Y-1892-1 667

GOODS **Endurance House Paint - #1892 Non-Chalking**

LABORATORY NO.

CONSISTENCY

White

COST CLASS

DATE **6/23/65**

FOR USE ON

Mfg. plants #4-8-16

STRAINER

GRIND **4**

CUSTOMER

Less than 1% Lead

MIX **Rebble or**

WT. OR BE **14**

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR	VISC. F.	TENE.
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.			
W-290				5.80	200.0				
W-294				4.07	190.0				
W-121				13.30	300.0				
W-188				8.50	200.0				
W-282				0.76	15.0				
CH-475				0.42	3.4				
VM-432				1.20	11.6				
O-314				6.80	51.1				
O-9				4.80	37.8				
V-869				6.90	53.5				
O-1				29.10	226.0				
S-43				13.70	89.0				
S-148				3.90	25.7				
VM-534				0.15	1.2				
VM-523				0.13	1.0				
VM-659				0.50	4.1				
				100.03	1409.4				
YIELD									

Standard Formula
Not to be taken
from file.

SEE FILE

LABORATORY NO. **Morehouse**

DATE **6/23/65**

STRAINER **4**

GRIND **4**

MIX **Rebble or**

WT. OR BE **14**

VISC. F. **17-92 KU**

TENE. **Stormer**

COLOR **Gloss**

SHEEN **Gloss**

NON VOL. **88% (Wt)**

FLASH PT **100°F**

MATCH FOR

REDUCER **S-43**

AMT. FOR BRUSHING **F.B.**

SPRAYING **TUMBLING**

DIPPING **DRIP TIME**

BAKE **TEMP.**

AIR DRIES IN **Overnight**

A. D. TO RECOAT IN **48 hrs.**

REMARKS: **Changed to use
Hidden pigments.**

BY **Vcl. = 74.7%**

PVC **- 43.4%**

FORMULATOR **J. E. Southwick**

COST	DATE	ANALYSIS		CUSTOMERS
		PIGMENT	64.4 %	Y-1892-2
		VEHICLE	35.6 %	Endurance House Paint - #1892
			100.0%	Non-Chalking White
				6/23/65
		PIGMENT		
		Titanium Dioxide	22.1%	Warning No. 11-62 NPVLA
		Zinc Oxide	21.0%	
		Calcium Carbonate	33.2%	Contains added fungicide to make
		Magnesium Silicates	23.7%	this paint resistant to the act
			100.0%	of Mildew Fungi growing in or
				on the paint.
				Resistant to Mildew on The Paint
				Film Only.
		VEHICLE		
		Soya Alkyd Resin	16.5%	DI (Phenyl-Mercuric)
		Treated Linseed Oil	52.4%	Dodecenyl Succinate 0.06%
		Mineral Spirits &		Inert Ingredients 99.94%
		Driers	31.1%	100.00%
			100.0%	
				Mfg. plants #4-8-16
				#30 (Drees-Forte) 6-24-65
				Y Paint List 7-19-65
				# 4-8-16-30
				#30 (Thermostat) 2-21-66
		Y-1892-2	566	

GLD059162

COST	DATE	ANALYSIS	CUSTOMERS
		PIGMENT 64.4 %	Y-1892-P
		VEHICLE 35.6 %	Endurance House Paint - #1892
		100.0%	Non-Chalking White
			6/23/65
		PIGMENT	Warning No. 14-62 NPVLA
		Titanium Dioxide 22.1%	
		12% Leaded Zinc Oxide 21.0%	
		Calcium Carbonate 33.2%	sig. plants #1-2-5-11-12-17
		Magnesium Silicates 23.7%	
		100.0%	Contains added fungicide to make this paint resistant to the acti of Mildew Fungi growing in or on the paint.
		VEHICLE	Resistant to Mildew on The Paint
		Soya Alkyd Resin 16.5%	Film Only.
		Treated Linseed Oil 52.4%	
		Mineral Spirits & Driers 31.1%	D1 (Phenyl-Mercury)
		100.0%	Dodecanyl Succinate 0.06
			Inert Ingredients 99.94
		Mamla 11-10-65 @ 11.30 (Dried + F. L.) 6-24-65	100.00
		# 30 (Fluoroc) 2-24-66	Y Paint Test 7-19-65 @
			# 1-2-5-11-12-17-30
			Lab. Japan 10-8-65 @
		Y-1892-1 565	W. Germany 10-11-65 @
			Mexico 11-3-65 @
			Guatemala 11-5-65 @

GLD059164

FORMULA NO. Y-1892-E-2

GOODS Endurance House Paint - #1892 Non-Chalking

LABORATORY NO. 1000

CONSISTENCY White

COST CLASS DATE 1/5/65

FOR USE ON Plants #4-16-8

STRAINER GRIND 3-4

CUSTOMER Less than 1% Lead

MILL Pebble or WT. OR BE 14.2

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED	LABORATORY NO.
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.		
W-180				(13.90)	377.0			
W-208				(2.33)	80.0			
W-234				(3.97)	185.0			
W-188				(4.02)	95.0			
W-121				(7.76)	175.0			
W-282				(0.76)	15.0			
CH-475				(0.42)	(3.4)			
VN-432				(1.20)	(11.6)			
O-314				(6.71)	(50.5)			
O-9				(4.76)	(37.4)			
O-220				(8.04)	(63.6)			
O-1				(25.01)	(194.5)			
S-43				(16.55)	(107.5)			
S-148				(3.84)	(25.3)			
VN-523				(0.15)	(1.2)			
VN-534				(0.13)	(1.0)			
VN-659				(0.50)	(4.0)			
(.05 - .15 gal. of N-486 may be used to adjust)								
(body if needed.)								
YIELD				100.05	1427.9			

Standard Formula
Not to be taken
from file

DISCONTINUED

IS AGITATOR REQUIRED Morehouse

VISC. F. B. 87-92 KV Attritor

VISC. RED. TEMP.

VISCOSIMETER Stomper

COLOR SHEEN Gloss

NOR VOL 88.2% (Wt) FLASH PT. 100°

MATCH FOR

REDUCER S-43

AMT. FOR BRUSHING F.B.

SPRAYING TUMBLING

DIPPING DRIP TIME

BAKE TEMP.

DR DRIES IN 0.N.

R. D. TO RECOAT IN 48 hrs.

REMARKS Changed to improve

brushing & to decrease

flashing.

NV by Vol. - 74.9%

PVC - 43.7

FORMULATOR J. E. Southwick

COST	DATE	ANALYSIS		CUSTOMERS	Y-1892-E-2
		PIGMENT	65 %	Endurance House Paint -	
		VEHICLE	35 %	#1892 Non-Chalking White	
			100 %		1/5/65
		PIGMENT			
		Titanium Calcium	40.7%		
		Titanium Dioxide	8.6	Warning No. 11-62 NYLA	
		Zinc Oxide	20.0		
		Calcium Carbonate	18.9	Contains added fungicide to make	
		Magnesium Silicate	11.8	this paint resistant to the action	
			100.0%	of Mildew fungi growing in or on	
				the paint.	
		VEHICLE		Resistant to Mildew on the Paint	
		Treated Sove Oil	7.1%	Film Only.	
		Treated Linseed Oil	39.0	Di(Phenyl-Mercury)	
		Mineral Spirits & Driers	33.9	Dodecanyl Succinate	.06%
			100.0%	Inert Ingredients	99.94
					100.00%
				Plants #4-16-8	
				Y-Paint List	1-13-65 0
				#4-8-16-30	
		Y-1892	561		

GLD059166

GOODS **Endurance House Paint - #1892 Non-Chalking** FORMULA NO. **Y-1892-E-1**
 CONSISTENCY **White** LABORATORY NO. **BASE**
 FOR USE ON **Mfg. plants #1-2-5-11-12-17** COST CLASS **DATE 1/5/65**
 CUSTOMER **More than 1% Lead** STRAINER **GRIND 3-4**
Wettable or WT. OR BE **4.2%**

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATORY REQUIRED
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	
W-180				(13.90)	377.0		VISC. F. 87-92 KU TEMP. Attrito
W-208				(2.33)	80.0		VISC. RED. TEMP.
W-35				(3.97)	186.0		VISCOSIMETER Stormer
W-188				(4.02)	95.0		COLOR SHEEN Gloss
W-121				(7.76)	175.0		NON VOL. 88.2% (Wt) ASH PT. 100°F
W-282				(0.76)	15.0		WATCH FOR
CH-475				0.42	(3.4)		REDUCER S-43
VM-432				1.20	(11.6)		AMT. FOR BRUSHING F.B.
O-314				6.71	(50.5)		SPRAYING TUMBLING
O-9				4.76	(37.4)		DIPPING DRIP TIME
O-220				8.04	(63.6)		BAKE TEMP.
O-1				25.01	(194.5)		AIR DRIES IN O.N.
S-43				16.55	(107.5)		A. D. TO RECOAT IN 48 hrs.
S-148				3.84	(25.3)		REMARKS Changed to improve brushing and to decrease flashing.
VM-523				0.15	(1.2)		NV by Vol. 74.9%
VM-534				0.13	(1.0)		PVC 43.7%
VM-659				0.50	(4.0)		
(.05 - .15 gal. of M-486 may be used to adjust body if needed.)							
YIELD				100.05	1427.9		FORMULATOR J. E. Southwick

Standard Formula
 Not to be taken
 from file

0.50 gal. of M-486 may be used to adjust body if needed.

COST	DATE	ANALYSIS	CUSTOMERS
		PIGMENT 65 %	Endurance House Paint -
		VEHICLE 35 %	#1892 Non-Chalking White
		100%	1/5/61
		PIGMENT	
		Titanium Calcium 40.7%	Warning No. 14-62 NFVLA
		100% Lead Zinc Oxide 20.0	
		Titanium Dioxide 8.6	Contains added fungicide to make
		Calcium Carbonate 18.0	this paint resistant to the action
		Magnesium Silicate 11.8	of Mildew Fungi growing in or on
		100.0%	the paint.
			Resistant to Mildew on the Paint
			Film Only.
		VEHICLE	
		Treated Soya Oil 7.1%	Di(Phenyl Mercury)
		Treated Linseed Oil 59.0	Dodecanyl Succinate .06%
		Mineral Spirits & Driers 33.9	Inert Ingredients 99.94
		100.0%	100.00%
		W. Indico 3-22-65	
		Mexico 3-23-65	Y. Paint List 1-14-65
		Sweden 4-21-65	#1-2-5-11-12-17-30
		Mexico 6-18-65	Plants #1-2-5-11-12-17
		Sal. Japan 6-18-65	W. X. Germany 7-1-65
		Y-1892 561	

GLD059168

GOODS Endurance House Paint - #1892 Non-Chalking

CONSISTENCY White

LABORATORY NO. Morehouse

FOR USE ON xx Mfg. of plants 1-2-4-5-8-11-12-14-15-16-17

COST CLASS BASE DATE 7/5/61

CUSTOMER xx Mfg. of plants 1-2-4-5-8-11-12-14-15-16-17

STRAINER GRIND 3-4

WILL (Cowles) WT. OR BE 1/1

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED	TEMP.
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.		
	Add in order listed:						VISC. F. B. 87-92	TEMP.
O-286				13.5	(110.0)		VISC. RED.	TEMP.
O-132				13.5	(106.0)		VISCOSIMETER	STOPPING
CH-185				(.45)	1.0		COLOR	SHEEN
W-218				(.17)	2.5		NON VOL. 92.5%	FLASH PT. 100°F
W-208				(5.68)	106.0		NATCH FOR	
	Dilute 10 min. then add:						REDUCER	S-43
O-132				12.9	(100.0)		ANT. FOR BRUSHING	AS needed
W-33				(3.1)	144.0		SPRAYING	TUMBLING
W-63				(24.8)	560.0		DIPPING	DRIP TIME
	Mix to 3-4 grind & add:						BAKE	TEMP.
O-132				10.0	(78.0)		AIR DRIES IN	Overnight
	Morehouse to clean 3-4 grind:						A. D. TO RECOAT IN	48 hrs.
S-43				10.8	(70.5)		REMARKS:	
S-148	Standard Formula			2.9	(19.2)		NV by Vol.	85.3%
VM-432	Not to be taken			1.2	(11.4)		PVC	39.6%
VM-534				.14	(.9)			
VM-659	from File.			.5	(4.0)			
S-91				.15	(1.0)			
W-455 (Hold for viscosity check)				.12			FORMULATOR J. E. Southwick	
YIELD:				100.1	1407.5			

[illegible]

GOODS: Endurance House Paint - #1892 Non-Chalking
 CONSISTENCY: White
 FOR USE ON: Reissued to use Tallates & replace S-72.
 CUSTOMER: Mr. at clients #1-2-4-5-8-11-12-14-15-16-17
 LABORATORY NO. BASE
 COST CLASS
 DATE 12/5/62
 STRAINER
 GRIND 1-1
 MILL Pebble
 WT. OR BE 147

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	
W-208				(5.68)	196.0		VISC. F.B. 87-92 KU/MP.
W-33				(3.10)	144.0		VISC. RED. TEMP.
W-63				(24.80)	560.0		VISCOSIMETER Shear
CH-185				(0.45)	4.0		COLOR SUEEN
W-218	Premix			(0.17)	2.5		NON VOL. 92.8% FLASH PT. 100°
S-91				.19	(1.25)		MATCH FOR
							REDUCER S-43
O-132	(25.0 gals. in grind)			30.5	(284.0)		ANT. FOR BRUSHING 43 needed
O-286	(13.6 gals. in grind)			13.6	(110.0)		DISCONTINUED
S-43	(10.8 gals. in grind)			11.13	(72.3)		SPRAYING TUMBLING
S-148				2.9	(19.2)		DIPPING DRIP TIME
	Standard Formula						BAKE TEMP.
VM-432	Not to be taken			1.2	(11.4)		SEE 7-1892-E
VM-534	from File			0.13	(1.04)		AIR DRIES IN Overnight
VM-659				0.50	(4.0)		A. D. TO RECOAT IN 48 hrs.
							REMARKS
M-455	(Hold for viscosity)			0.12			Mill Base 65%
	(check)						Mill Base wt/gal. 15.2
							NV by Vol. 84.3%
							PVC 39.6%
							Minimum viscosity 84 KU before adding M-455.
							FORMULATOR J. Z. Southwick
YIELD				100.55	1406		

COST	DATE	ANALYSIS	CUSTOMERS
		PIGMENT 63.5 %	Y-1892-D
		VEHICLE 36.5 %	Endurance House Paint - #1892
		100.0%	Non-Chalking White
			12/5/62
		PIGMENT	
		Titanium Dioxide 22.6%	Warning No. 11-62 NPVLA
		Zinc Oxide 17.0	(11/16/62)
		Calcium Carbonate 60.4	
		100.0%	Contains added fungicide to make
			this paint resistant to the
			action of Mildew Fungi growing
			in or on the paint.
			Resistant to Mildew On The
		VEHICLE	Paint Film Only.
		Treated Linseed Oil 78.8%	
		Mineral Spirits & Driers 21.2	D1(Phenyl-Mercury)-
		100.0%	Dodecenyl Succinate .07%
			Inert Ingredients 99.93
			100.00%
		West Indies 1-7-65	Y-Casamul Lat 2-8-63 0
			# 1-2-4-5-8-11-12-14-15-16-17
			Sep. Japan 1-3-64
			ONE 2-21-64 } F.H.C.
			West Indies 3-3-64
			Haiti 3-9-64
			Manila 4-3-64
Y-1892		6501	

GOODS: Duradur House Paint - #1892 Non-Chalking

LABORATORY NO.

CONSISTENCY

White

COST CLASS.

DATE 4/21/51

FOR USE ON

STRAINER

GRIND 3-4

CUSTOMER

Less than 10 Lead

MILL Pebble

WT. OR BE 24#

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	
M-208				5.68	196.0		VISC. F.B. 87-92 KU TEMP.
M-33				3.10	144.0		VISC. RED. TEMP.
M-53				24.80	560.0		VISCOSIMETER
CH-185				0.45	4.0		COLOR
M-218) Pre-Mix				0.17	2.5		SHEEN
S-72				15	11.0		NON VOL. 92-94 Sol 100
							FLASH PT 100 F
							WATCH FOR
							REDUCER S-43
O-132 (25.0 gals. in grind)				36.5	1281.0		AMT. FOR BRUSHING AS needed
O-286 (13.6 gals. in grind)				13.5	1110.0		DISCONTINUED
S-43 (10.6 gals. in grind)				10.8	170.5		DRIPPING
S-148				2.9	19.2		DRIP TIME
VM-432				1.2	111.4		TEMP.
D-68				0.50	3.5		SEE X-1822-A
VM-659				0.50	4.0		ALSO DRIES IN 0.5 H.
							A. D. TO RECOAT IN 48 hrs.
							REMARKS: Changed to add
							Mildew resistance.
M-455 (Hold for viscosity)				.12			85% Mill Base
(check)							15.2% wt/gal. Mill Base
							85.3% NV by Vol.
Minimum viscosity 84 KU before adding M-455.							9.6% PVC
							FORMULATOR J. E. Southwick
YIELD				100.55	1410.1		

COST	DATE	ANALYSIS	CUSTOMERS
		PIGMENT 53.5 %	Y-1892-C
		VEHICLE 36.5 %	Endurance House Paint - #1892
		100.0%	Non Chalking White
			4/21/61
		PIGMENT	
		Titanium Dioxide 22.8%	No Label Warning 9/11-62
		Zinc Oxide 17.0	NPVLA 11-16-6
		Calcium Carbonate 60.4	No change in analysis
		100.0%	
			Contains added fungicide to make this paint resistant to the action of Mildew Fungi growing in or on the paint.
		VEHICLE	
		Treated Linseed Oil 76.8%	Resistant to Mildew On The Paint Film Only.
		Mineral Spirits & Driers 21.2	
		100.0%	D1 (Phenyl-Mercury)-
		<i>Correct Copy sent to Rajan 2</i>	Dodecenyl Succinate .07%
		<i>Sub Japan 3-16-62 D 11-10-61 D</i>	Inert Ingredients 99.93
			100.00%
			<i>Mexico - Mexico City Indus. 5/12</i>
			<i>Y Enamel Last 4-27-6</i>
			<i>Plants #1-2-4-5-12-14-8-11</i>
			<i>17-7-15</i>
		Y-1892	
		6501 * 1/62	

GLD059174

GOODS: Endurance House Paint #1892 Non-Chalky
 CONSISTENCY: White
 FOR USE ON:
 CUSTOMER: Less than 1% Lead
 LABORATORY NO.: Morehouse
 COST CLASS:
 DATE: 8/10/61
 STRAINER:
 GRIND: 3-4
 WT. OR BE: 14.0#

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED	REMARKS
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.		
ADD In order listed:								
S-236				13.6	(110.0)			VISC. F.B. 87-92 Rtd.
A-132				13.6	(106.0)			VISCOSIMETER STOPPING
VM-135				.45	4.9			COOR SHEEN
A-218				.17	2.5			NON VOL. 92.8% FLASH PT. 100°F
A-236				15.68	106.0			DATCH FOR
Dispense 10 ml. then add:								REDUCER S-43
S-132				12.9	(109.0)			AMT. FOR BRUSHING Ac needed
A-34				13.1	144.0			SRAVING
A-61				124.8	560.0			CLIPPING
Mix to 4 grind & add:								DRIP TIME
S-142				10.0	(78)			SEE Y-7892-A
Morehouse to clean 3-4 grind:								AIR DRIES IN Overnight
S-14				10.8	(70.5)			A. D. TO RECOAT IN 48 hrs.
S-145				2.9	(19.2)			REMARKS: Changed to add
VM-432				1.2	(11.4)			Widewide & to show
VM-53 VM-534				.14	(.9)			Cowles procedure.
VM-559				.5	(4.0)			86.3% NV by Vol.
S-9				.15	(1.0)			39.6% PVC
A-55 (Hold for viscosity check)				.12				
YIELD				100.1	1407.5			FORMULATOR J.E. Scuttrick

FORMULA NO.

V-1802-B

GOODS Endurance House Paint #1802

CONSISTENCY Non-Chalking White

FOR USE ON

CUSTOMER No. 1 Label Warning

LABORATORY NO.

COST CLASS.

DATE 2/27/61

STRAINER

GRIND 3.5

MILL Pebble

WT. OF BE 14.0#

ONE GALLON BATCH

LARGE BATCH

PINTS LBS. OZS. GALS. LBS.

W-208 (5.50) 196

W-33 (3.10) 144

W-63 (24.80) 560

CH-185 (.45) 2

W-218 (.17) 2.5

S-72 (.15) (1.0)

C-132 (25 gal. in grind) 36.5 (284.0)

O-286 (13.5 gal. in grind) 13.5 (110.0)

S-43 (10.8 gal. in grind) 10.8 (70.5)

S-148 2.9 (19.2)

VM-432 1.2 (11.4)

D-68 .5 (3.5)

M-455 (Hold for viscosity

check.) 12 Gal.

Minimum viscosity 84 KU before adding M-455.

YIELD 100.05 1406.1

IS AGITATOR REQUIRED

VISC. F.B. 27.02 (1000)

VISC. RED. TEMP.

VISCOSIMETER Stopper

COLOR SHEEN

NON VOL. FLASH PT.

WATCH FOR

REDUCER S-43

MIX. FOR BRUSHING As needed

SPRAYING TACKLING

DIPPING DRIP TIME

BAKE TEMP.

AIR DRIES IN O.N.

A. D. TO RECOAT IN 48 hrs.

REMARKS Change to eliminate

rough balls & O-52

55% Mill Base

R6 35 N.V. by Volume

Wt/per gal. mill base #15.2

FORMULATOR E. Southwick

GOODS Endurance House Paint-#1892 Non-Chalking Trim-

LABORATORY NO.

CONSISTENCY

White

COST CLASS.

DATE 10/30/58

FOR TESTS Also 1-W-122-C, Y-1882-B & Y-5022-C

STRAINER

GRIND 3-4

CUSTOMER

MILL Pebble

WT. OR BE. 14.17

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED	
	PINTS	LBS.	OZS.	SALS.	LBS.	OZS.	VISC. F.B.	87-92 KU
W-208		3			200		VISC. RED.	TEMP.
W-33		2	4		150		VISCOSIMETER	Stormer
W-63		8	10		565		COLOR	SHEEN
CH-185			1-1/4		5		NON VOL.	FLASH PT.
W-195			3/4		3		MATCH FOR	
S-72 (in grind)			3/8 Loz.	.20			REDUCER	S-43
O-132	4-1/2			37			APPL. FOR BRUSHING	As needed
O-62	3/8			3			SPRAYS	TUBING
O-286	1-1/4			10.2			DIPPING	DRIP TIME
S-43	1-1/2			12.2			BAKE	TEMP.
S-148	3/8			3.0				
VM-432			2-1/2 Loz.	1.2			AIR DRIES IN	O.N.
VM-433			1/4 Loz.		17 Loz.		A. D. TO RECOAT IN	48 hrs.
M-455			1/4 Loz.		17 Loz.		REMARKS:	
Minimum viscosity before M-455 is added must be 82 KU.							Formula reissued to show change in analysis.	
							"DO NOT OVERGRIND"	
YIELD 1.53							FORMULATOR J. Southwick	
							28-9	

[illegible]

GLD059180

Endurance House Paint - #1892 Non-Chalking White

LABORATORY NO.

CONSISTENCY

COST CLASS:

DATE **11/5/57**

Also 1-W-122-C, Y-1882-B & Y-5022-C

STRAINER

GRIND **3-4**

CUSTOMER

MILL **Pebble**

WT. OR BE **14.14**

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED	
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	VISC. F.	TEMP.
W-208		3			200		87-92 KU	TEMP.
W-33		2	4		150		VISCOSIMETER	ST. OZING
W-53		8	10		565		COLOR	SHEEN
W-185			1-1/4		5		NON VOL.	FLASH PT.
W-105			3/4		3		MATCH FOR	
W-72 (in grind)		3/8 Loz.	.20				REDUCER	S-43
W-132	4-1/2			37			MAT. FOR BRUSHING	needed
W-52	3/8			3			SPRAYING	TUMBLING
W-285	1-1/4			10.2			DIPPING	DRIP TIME
W-43	1-1/2			12.2			BAKE	TEMP.
W-148	3/8			3			AIR DRIES IN	O.N.
W-432		2-1/2 Loz.	1.2				A. D. TO RECOAT IN	48 hrs.
W-433		1/4			17 Loz.		REMARKS:	
W-455		1/4 Loz.			17 Loz.		Formula 10/20/57	
Minimum viscosity before W-455 is added must be 82 KU.							reissued to use	
							Glidden W-208	
							DO NOT OVERGRIND	
YIELD	1.53			100			FORMULATOR	J. E. SULLIVAN
								28-9

Standard Formula
Not to be used

GOODS Endurance House Paint - #1892 Non-Chalking White

CONSISTENCY

COST CLASS.

DATE 10/9/57

INDEX Also 1-W-122-C, Y-1882-B & Y-5022-C

STRAINER

GRIND 3-4

CUSTOMER

MILL Pebble

WT. OR BE 14.1

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED	
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	VISC. F.B.	87-92 KU TEMP.
W-170		3			200		VISC. RED.	TEMP.
W-33		2	4		150		VISCOSIMETER	Storber
W-63		8	10		565		COLOR	SEEN
CH-185			1-1/4		5		NON VOL.	FLASH PT.
W-195			3/4		3		MATCH FOR	
S-62 (in grind)			3/8 Loz.	.20			REDUCER	S-43
O-132	4-1/2			37			AMT. FOR BRUSHING	AS needed
O-62	3/8			3			SPRAYING	TUMBLING
O-286	1-1/4			10.2			DIPPING	DRIP TIME
S-43	1-1/2			12.2			BAKE	TEMP.
S-148	3/8			3			AIR DRIES IN	O.N.
VM-432			2-1/2 Loz)	1.2			A. D. TO RECOAT IN	48 hrs.
VM-433			1/4			17 Loz.	REMARKS:	changed to eliminate
M-455			1/4 Loz.			17 Loz.		bagging.
Minimum viscosity before M-455 is added must be 82 KU.							DO NOT OVERGRIND	
YIELD	1.58			100			FORMULATOR	J.E. Southwick
								28-9

Standard Formula
Not to be used
from 10/1/57

[illegible]

GLO059184

Endurance House Paint #1892 Non-Chalking White

CONSISTENCY

COST CLASS.

DATE 10/20/57

Also 1-W-122-C, Y-1882-B & Y-5022-C

STRAINER

GRIND 3-4

CUSTOMER

MILL Pebble

WT. OR BE 14.14

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	
W-170 W-208		3			200		VISC. F.B. 87-92 KU TEMP.
W-33		2	4		150		VISC. RED. TEMP.
W-63		8	10		565		VISCOSIMETER Stormer
CH-185			1-1/4		5		COLOR SEEN
W-195			3/4		3		NON VOL. FLASH PT.
S-72 (in grind)		3/8 Loz.	.20				MATCH FOR
O-132	4-1/2			37	Stand		REDUCER S-43
O-62	3/8			3	N		AMT. FOR BRUSHING AB needed
O-286	1-1/4			10.2	10		SPRAYING TUMBLING
S-43	1-1/2			12.2	10		DIPPING DRIP TIME
S-148	3/8			3			BAKE TEMP.
VM-432		2-1/2 Loz	1.2				AIR DRIES IN O.N.
VM-433		1/4			17 Loz		A. D. TO RECOAT IN 48 hrs.
M-455		1/4 Loz.			17 Loz		REMARKS: Changed to eliminate sagging.
Minimum viscosity before M-455 is added must be 82 KU.							DO NOT OVERGRIND
							**DESTROY COPY DATED 10/9/57
YIELD 1.53							FORMULATOR J.E. Southerland
							28-9

Endurance House Paint-#1892 Non-Chalking

LABORATORY NO. 1-W-122-B

CONSISTENCY White

DATE 5/9/57

FOR USE ON

COST CLASS.

CUSTOMER This is 1-W-122-B also Y-1882-A & Y-5022-B

STRAINER

MILL Pebble WT. OR BE 14#

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	
W-170		3			200		VISC. F.B. 87-92 KU
W-33		2	4		150		VISC. RED. TEMP.
W-63		8			525		VISCOSIMETER Stomper
CH-185			1		4		COLOR SHEEN
H-195			3/8		1-1/2		NON VOL. FLASH PT.
O-132	4-1/2			37			MATCH FOR
O-62	3/8			3			REDUCER S-43
O-286	1-1/4			10-1/4			AMT. FOR BRUSHING As needed
S-43	1-1/8			9-1/4			SPRAYING TUMBLING
S-148	3/4			6			DIPPING DRIP TIME
VM-132			2-1/2	1-1/4			BAKE TEMP.
VM-133			1/4		17 Loz.		AIR DRIES IN
M-455			1/4 Loz.				A. D. TO RECOAT IN
							CATALYST
							AMT. OF CATALYST
							POT LIFE TEMP.
							STABILITY AT 200° F
							STABILITY AT 125° F
							STABILITY AT ° F
							REMARKS
							FORMULATOR J.E. Southwick
YIELD	1.52			100			28-8-8

*DESTROY COPY DATED 5/1/57.

Standard Formula
Not to be taken
from file

[illegible]

GLD059188

Product **Endurance House Paint "Enamelized" White**
Customer **(San Francisco Only)**

Formula Number **V-1892-B (Cowles)**

Laboratory Number **5400**

R.M. Cost **5** Date **3/1/67**

Mill **Cowles** Grind **5**

NPVLA %Lead **-1**

CODE NUMBER	100 GALLON BATCH		% BY WEIGHT	MANUFACTURING INSTRUCTIONS	METHOD
	GALLONS	POUNDS			
O-205	12.00	92.5	9.4	Use all in Mill Paste (May be varied to give proper mill paste Mix on Cowles) consist 5 min. before adding other pigments.	11-62
V-2390	20.00	155.0	15.8		9.7#
O-978	0.83	6.7	0.7		Flash Pt. 100°
S-846	1.57	30.0	3.1		H.V.M. 70.4%
W-830	6.96	240.0	24.5		H.V. Vol. 57.3%
E-395	0.31	4.3	0.4		Visc. F. 85-90 K 4-C-1a
E-380	0.14	1.1	0.1		Visc. Red.
V-2390	50.40	391.0	40.0		Reducer Ratio
S-330	6.00	39.0	4.0		P.V.C. 14.9%
E-324	0.25	2.0	0.2		Color White Match
E-342	0.50	4.8	0.5		Gloss Method
E-304	0.29	2.3	0.2		Strainer
E-262	0.20	1.5	0.2		Container
E-419	1.00	8.1	0.8		Application Brush
E-168	0.16	1.1	0.1		Cure Air Dry: Overnight
E-173				#1/2-1 Oz/gal. may be used to control sagging.	Recoat: 48 hours.
Yield	100.61	979.0	100%		Remarks
					Formulator Green/Southwick
					Approved by Howell

CLASS						Product	Endurance House Paint -
CODES						"Enamelized" White	
DESCRIPTORS (20 spaces-limit)						Label Warning	#11-62
Trade Name			Customer			ANALYSIS	
Substrate and Treatment						Pigment	27.7 %
End Use						Vehicle	72.3 %
Specifications							100.0%
Royalty Yes ☐ No ☒ Silicone Yes ☐ No ☒						Pigment	
Resins						Titanium Dioxides	89.0%
Soya Alkyd						Silica & Silicates	11.0
Color							100.0%
White							
Gloss							
90							
For Use On							
Resistance							
Manufactured at Plant #14 Only # 30 1-4-67							
Contains added fungicide to make this paint						Vehicle	
resistant to the action of Mildew Fungi						Soya Alkyd Resin	59.8%
XXXXXXXXXXXX growing in or on the paint.						Mineral Spirits &	
Manufacturing instructions or remarks						Driers	40.2%
Resistant to Mildew on the Paint Film Only.							100.0%
D1 (Phenyl-Mercury)						NO CHANGE IN ANALYSIS	
Dodecyl Succinate							
Inert Ingredients							
0.18%							
99.82%							
100.00%						Y-1892	662

C&R FORMULA

Glidden Form 1189-1 Printed in U.S.A. 9/65

PAGE

Product: Endurance House Paint "Emulsified" White				Formula Number: Y-1892-B (Cowles)		
Customer: San Francisco Only				Laboratory Number:		
CODE NUMBER	100 GALLON BATCH		% BY WEIGHT	MANUFACTURING INSTRUCTIONS	R.M. Cost	Date: 3/16/61
	GALLONS	POUNDS			Mill: Cowles	Grind: 5
0-265	12.00	92.5	9.4	Use all in Mill Paste.	% Lead	Less than 1%
V-869	20.00	155.0	15.8	May be varied to give proper mill paste consistency.	Wh./Gal.	9.7
CH-475	0.83	6.7	0.7	Mix on Cowles 5 (plate) 1 min. before adding other pigments.	Flash Pt. °F.	100°F
H-282	1.57	30.0	3.1		Red. Wh.	70.4
					N.V. Vol.	57.3
H-290	6.96	240.0	24.5		Visc. F.B.	85-90
H-333	0.31	4.3	0.4		Visc. Red.	
VN-523	0.14	1.1	0.1		Reducer	
					P.V.C.	34.9
V-869	50.40	391.0	40.0		Color	White
S-43	6.00	39.0	4.0	Standard Formula	Gloss	
VN-534	0.25	2.0	0.2	Not to be taken from File	Strainer	
VN-532	0.50	4.8	0.5		Container	
VN-524	0.29	2.3	0.2		Label Warning	11-62 NPULA
CH-359	0.20	1.5	0.2		Application	
VN-659	1.00	8.1	0.8		Cure	
H-486	0.16	1.1	0.1		Remarks	
VN-957	60			1/2-1 Oz./gal. may be used to control sagging.	Formulator	Green/Southwick
Yield:	100.61	979.0	100.00%		Approved by	S. T. Bowell

GLD059191

CLASS						3/16/66	ANALYSIS	Y-1892
CODES							Pigment	27.7
DESCRIPTORS (20 spaces - limit)							Vehicle	72.3
Trade Name	FURNACE		Customer					100.0%
Substrate and Treatment							Pigment	
End Use	Wood						Titanium Dioxides	89
Specifications							Silica & Silicates	11
Royalty	Yes	☐	No	☒		Silicone	Yes	☐
							No	☒
Resins	Soya Alkyd							
Color	White		Gloss		90			
For Use On								
Resistances							Vehicle	
Manufactured at Plants	#14 Only		3-18-66				Soya Alkyd Resin	59
	TF 30						Mineral Spirits & Driers	40
								100
Contains added fungicide to make this paint resistant to the action of Mildew Fungi growing in or on the paint.								
Resistant to Mildew on the Paint Film Only						Label Warning No. 11-62		
						NFV		
D1 (Phenyl Mercury)						No change in analysis.		
Dodecanyl Succinate						0.18%		
Inert Ingredients						99.82		
						Y-1892		
						652		
Gibbs Form 1199-1 (back) Printed in U.S.A. 9/65						100.00%		

GLD059192

C&R FORMULA

Gilden Form 1109-1 Printed in U.S.A. 9/65

Product: DURANCE HOUSE PAINT "ENAMELIZED" WHITE				Formula Number: V-1892-B (Cowles)		
Customer: SAN FRANCISCO - ONLY				Laboratory Number:		
CODE NUMBER	100 GALLON BATCH		% BY WEIGHT	MANUFACTURING INSTRUCTIONS	R.M. Cost	Date: 2/12/66
	GALLONS	POUNDS			Mill: Cowles	Grind: 5
V-282	1.57	30.0	3.1	) Pre-mix on Cowles) for 5 min.	% Lead: Less than 1%	
CH-475	0.83	6.7	0.7		Wt./Gal. 9.7%	Method
V-290	6.96	240.0	24.5		Flash Pt. F. 100°	Method
V-333	0.31	4.3	0.4		N.V. Wt. 70.4	Method
VH-523	0.14	1.1	0.1		N.V. Vol. 57.3	Method
					Visc. F.B. 85-90	Method
V-869	70.40	546.0	55.8	) Use 20 gal. in mill) paste. More may be added if) needed. DO NOT THIN EXCESSIVELY.) Use all in mill paste)	Visc. Red.	Method
					Reducer	Ratio
O-265	12.00	92.5	9.4		pH 14.9	
S-43	6.00	39.0	4.0		Color: White	Marsh
				Standards: Formula Not to be taken from File.	Glass	Method
VH-534	0.25	2.0	0.2		Strainer	
VH-432	0.50	4.8	0.5		Container	
VH-524	0.29	2.3	0.2		Label Warning: 11-62	
CH-359	0.20	1.5	0.2		Application: DISCONTINUED	
VH-659	1.00	8.1	0.8		Cure	
H-486	0.16	1.1	0.1		Remarks: SEE	
				as 1/2-1 Oz/gallon		
VH-957				may be used to stop sag.		
Yield	100.6	979.0	100.00%		Formulator: J. E. Southwick	
					Approved by: S. Bowell	

GLD059193

CLASS					2/11/66 ANALYSIS Y-1892-
CODES					Pigment 27.7 %
DESCRIPTORS (20 spaces - limit)					Vehicle 72.3 %
Trade Name	ENDURANCE			Customer	100.0%
Substrate and Treatment					Pigment
End Use	WOOD				Titanium Dioxides 89.
Specifications					Silica & Silicates 11.
Royalty	Yes ☐	No ☒	Silicone	Yes ☐	No ☒ 100.
Resins	Soya Alkyd				
Color	White		Gloss	90	
For Use On					
Resistance					Vehicle
Manufactured at Plants	#14 Only - 2-10-66				Soya Alkyd Resin 59
Contains added fungicide to make this paint resistant to the action of Mildew Fungi growing in or on the paint. Resistant to Mildew on the Paint Film Only					Mineral Spirits & Driers 40
					100
Di(Phenyl Mercury) Dodacetyl Succinate Inert Ingredients					Label Warning No. 11-62 HFV 0.18% 99.82 100.00%
Y-1892 662					

GLD059194

GOODS: Endurance House Paint "Enamelized" White

LABORATORY NO.

CONSISTENCY

COST CLASS

DATE: 10/11/6

FOR USE ON San Francisco - ONLY 12-14

STRAINER

GRIND 6-7

CUSTOMER: Less than 1% Lead

MILL Pebble

WT. OR BE 9.7

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED	
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	VISC. F. R. 85-90	TEMP.
W-208				6.96	240.0		VISC. RED.	TEMP.
W-262				1.57	30.0		VISCOSIMETER Stormer	
CH-475				0.83	6.7		COLOR	SHEEN
VM-523	IN GRIND			0.24	1.1		NDN VOL.	FLASH PT. 100°F
M-333				0.31	4.3		MATCH FOR	
V-869 (25 gal. in grind)				70.40	546.0		REDUCER S-43	
O-265 (10 gal. in grind)				12.00	92.5		ANT. FOR BRUSHING	
S-43				6.00	39.0		SPRAYING	TUMBLING
VM-534				0.25	2.0		DIPPING	DRIP TIME
VM-432				0.50	4.8		BAKE	TEMP.
VM-524				0.29	2.3		AIR DRIES IN Over Night	
CH-359				0.20	1.5			
VM-659				1.00	8.1		A. D. TO RECOAT IN	48 Hrs
M-486				0.16	1.1		REMARKS:	
Standard Formula, Not to be taken from File.							**Reissued to show grinding procedures.	
YIELD				100.61	979.00		FORMULATOR J. E. Southwick	

COST		DATE		ANALYSIS		SAN FRANCISCO ONLY		CUSTOMERS	
				PIGMENT	27.7	%		Endurance House Paint "Shamelize"	
				VEHICLE	72.3	%		White	
					100.0%				8-3-64
				PIGMENT					
				Titanium Dioxide	89.0	%		Warning No. 11-62 NPWLA	
				Silica & Silicates	11.0	%			
					100.0	%		Contains added fungicide to make this paint resistant to the action of Mildew Fungus growing in or on the paint.	
								Resistant to Mildew on the Paint Film Only.	
				VEHICLE					
				Sona Alkyd Resin	59.8	%		Di(Phenyl-Mercury)	
				Mineral Spirits & Driers	40.2	%		Dodecenyl Succinate	0.18%
					100.0%			Inert Ingredients	99.82
				1-Enamel Lat.					100.00
				\$3.0 (Cost - Resin - P.C. -					
				Rate - Hidalgo)	9-14-64				
				14	9-14-64				
				W. L. G. H. S.	7-14-64				
				Y-1892	468				

GLD059196

GOODS House Paint - White "Enamelized"

LABORATORY NO.

CONSISTENCY

COST CLASS.

DATE 6/10/60

FOR USE ON TORONTO & SAN FRANCISCO ONLY

STRAINER

GRIND 6-7

CUSTOMER Less than 1% Lead

MILL Pebble

WT. OR BE 10.0

CODE NUMBER	ONE GALLON BATCH			LARGE BATCH			IS AGITATOR REQUIRED	
	PINTS	LBS.	OZS.	GALS.	LBS.	OZS.	VISC. F.B.	TEMP.
W-170				(7.58)	265		78-82 KU	
W-188				(0.67)	16		WEL. RED.	TEMP.
W-154				(0.71)	16		VISCOSIMETER	Stormer
CH-185				(0.26)	2.3		COLOR	SHEEN H1-Gloss
W-218	Premix before			(0.40)	6.0		TEMP. WEL.	FLASH PT.
S-72	adding to mill.			(0.61)	(4.0)		WATER FOR	
V-869				62.7	(492)		REDUCER	S-43
O-265				14.0	(108)		WEL. FOR BRUSHING	P.B.
S-43				9.5	(62)		STRAWING	TUMBLING
VM-523				0.50	(4)		DIPPING	DRIP TIME
VM-433				0.25	(2)		BAKE	TEMP.
VM-432				0.63	(5)		WASH DRIES IN	O.N.
D-83				0.58	(4)		A. D. TO RECOAT IN	48 hrs.
CH-359				0.20	(1.5)		REMARKS: CAUTION: WHEN	
VM-659				1.25	(10.0)		DETERMINING VISCOSITY-	
(M-486)*				0.28	(2.0)		MATERIAL IS THIXOTROPIC.	
*Alkydol Laboratories, Inc.								
Jelomer 903							FORMULATOR	J.E. Southwick
YIELD				100.12	1000.8			

Standard Formula Not to be used

