FORMULA RECORD

Goods Glidden Endurance White Paint (Semi-Paste) Formula Y-502

Consistency Date 12-15-1920 Old No.

For Use on Classification

1	5	½ Bbl	Bbl.	2 Bbl.	Code No.	Per cent	Manufacturing Specifications
1 1/2	Gal.	Raw Linseed Oil			O-1		Grind
1 1/2	"	Acid Refined Linseed			O-2		Kind of Mill
1/2	"	Blown Soya Pean Oil			O-61		Rate per hr.
1	"	Texaco			S-43		Strainer
1/2	"	W.E.Drier			D-15		Analysis
50	lbs.	Standard Zinc			W-5		
80	"	Sublimed Lead			W-1		
50	"	Silica			W-16		
10	"	Pulp			W-11		
3/4	ozs.	F-2-E Blue			BL-5		

Discontinued

see Y502A

N12099

GLD053838

FORMULA RECORD

Goods Glidden Endurance White Paint (Semi Paste

Consistency

For Use on

Formula No. Y-502-A

Date 11-9-26 Old No.

Cost Classification

A 491 5m 10.26 Printed in U.S.A.

1	5	½ Bbl.	Bbl.	2 Bbl.	Code No.	Per cent	Manufacturing Specifications
20	gal.	Alkali Refined Linseed			O-52		Grind
10	"	Acid Refined Linseed			O-2		Kind of Mill
2	"	Texaco			S-43		Rate per hr.
8	"	B-Magic Drier			D-7		Strainer
400	lbs.	Special Sunolith			W-77		Weight per Gallon
360	"	No. 550 Zinc			W-90		Light Baume Temp.
300	"	Barytes			W-10		Heavy Baume Temp.
40	"	Pulp			W-11		Viscosity Temp
							Make of Viscosimeter
							Flash Point
							Is Agitator Package Required
							Remarks
							Discontinued
							see Y 502 B
Yield							

GLD059840

Pigment	78.5%	
Liquid	21.5	
	100.0%	
Pigment:		
Lithopone		36.4%
Zinc Oxide		32.8
Barium Sulphate		27.3
Silica & Silicates		3.5
		100.0%
Liquid:		
Vegetable Oil		77.4%
Mineral Spirits		4.3
Liquid Drier		18.3
		100.0%

Weight per gal. 19.6 lbs.

Steel Pails 5s.

Round Cans 1s, 1/2s, 1/4s.

"Enduratex White - Semi Pas" Labels.

GLD059841

A-480-D 50m 3-35

FORMULA RECORD

Goods End. Semi Paste White — Formula No. Y502 L

Consistency Semi Paste — Date 5/8/35 — Laboratory No.

For Use on — Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specifications
	Pints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
0132	6 1/2			26						Grind
D7	1 1/4			5						Kind of Mill
S14	1/4			1						Strainer
										Weight per Gallon
W69		11	4		360					Light Baume Temp.
W6		11	4		360					Heavy Baume Temp.
W10		6			192					Viscosity Temp.
W11		1	8		48					Viscosimeter
										Flash Point
										Is Agitator Required
										Remarks
										JPW
										Discontinued
										all Y502 C
Yield										

GLD059842

420-S 50M 7-37 (2)

FORMULA RECORD

Goods Endurance Semi Paste White Formula No. 9502C

Consistency S. Paste Date 10-8-37 Laboratory No. 0

For Use on Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specifications
	Pints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
0152	4						16			Grind C
05	2½						10			Kind of Mill Stone
D7	1¼						5			20-21 #
814	¼						1			Weight per Gallon
										Light Baume Temp.
W69		11	4					360		Heavy Baume. Temp.
W6		11	4					360		Viscosity Temp.
W10		6						192		Viscosimeter
W11		1	8					48		Flash Point
										Is Agitator Required
										Remarks JPW
						DISCONTINUED				
						SEE				
Yield										

GLD059843

MFD SCM 11-41 PRINTED IN U.S.A. (B)

FORMULA RECORD

~~DISCONTINUED~~

Goods Endurance Semi Paste White — Formula No. Y502

Consistency Semi Paste — Date 2/18/42 — Laboratory No.

For Use on — Cost Classification

Code Number	One Gallon Batch Pints	Lbs.	Ozs.	Gallon Batch Gals.	Lbs.	Ozs.	Gallon Batch Gals.	Lbs.	Ozs.	Manufacturing Specifications
O1	5¼						21			Grind C
O64	½						2			Kind of Mill
D15	1						4			Strainer
S43	1						4			Weight per Gallon 19.5
S14	¼						1			Light Baume Temp.
										Heavy Baume Temp.
W6		10						320		Viscosity Temp.
W95		10						320		Viscosimeter
W16		6						192		Flash Point
W11		4						128		Is Agitator Required
										Remarks
	Replaces Card Dated 1-30-42									JPW
										2.9 [illegible]
	Reissued to show improved analysis									
	Reinstated 2-17-44									
Yield										

Standard Formula Not to be taken from File.

Y 502 E

GLD059844

484-D 50M PRINTED IN U.S.A. (8)

FORMULA RECORD

Goods Endurance S. Paste White — Formula No. 1502-F

Consistency S. Paste — Date 2/17/44 — Laboratory No. 1

For Use on — Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specificatio
	Pints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
011	5½			22						Grind C
064	½			2						Kind of Mill
815	1			4						Strainer
543	¾			3						Weight per Gallon 20#
514	¼			1						Light Baume Temp.
										Heavy Baume Temp.
W6		11	4		360					Viscosity Temp.
W69		11	4		360					Viscosimeter
W10		4	11		150					Flash Point
W11		3	2		100					Is Agitator Required
										Remarks
										QPW
										3.25# oil/GAL
Yield										

Standard Formula
Not to be taken
from File.

GLD059845

480-D.5M 4-41 PRINTED IN U.S.A. (WP)

FORMULA RECORD

Goods Endurance S. Paste White — Formula No. Y502E

Consistency S. Paste — Date 2/17/44 — Laboratory No.

For Use on — Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specification
	Pints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
O1	5 1/2			22						Grind C
O64	1/2			2						Kind of Mill
D15	1			4						Strainer
S43	3/4			3						Weight per Gallon 20#
S14	1/4			1						Light Baume Temp.
										Heavy Baume Temp.
W6		11	4		360					Viscosity Temp.
W69		11	4		360					Viscosimeter
W10		4	11		150					Flash Point
W11		3	2		100					Is Agitator Required
										Remarks
										DISCONTINUED 4/13/44 PW
										SEE Y502F 3.25# oil/GAL

GLD059846

460-D 5M-11-35

FORMULA RECORD

Goods Endurance A Paste White Formula No. Y502E

Consistency A Paste Date 2/17/44 Laboratory No.

For Use on Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specifications
	Pints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
O-1	5½									Grind C
O-64	½									Kind of Mill
O-15	1									Strainer
S-43	3/4									Weight per Gallon 20#
S-14	¼									Light Baume Temp.
										Heavy Baume Temp.
W-6		11	4							Viscosity Temp.
W-69		11	4							Viscosimeter
W-10		4	11							Flash Point
W-11		3	2							Is Agitator Required
										Remarks
				Standard Formula. Not to be taken from File.						
Yield										

GLD059847

ABC-A

FORMULA RECORD

Goods Endurance Semi-Paste White — Formula No. Y-502 F

Consistency — Date 10-31-47 — Laboratory No.

For Use On — Cost Classification

CODE NUMBER	ONE GALLON BATCH GALS.	LBS.	OZS.	100 GALLON BATCH GALS.	LBS.	OZS.	GALS.	GALLON BATCH LBS.	OZS.	MANUFACTURING SPECIFICATION
Y-2 (c)					300					GRIND
Y-36					500					KIND OF MILL Stone/Hy R
Y-119					775					STRAINER
Y-10					325					WEIGHT PER GALLON 25
Y-11					215					LIGHT BAUME TEMP.
										HEAVY BAUME TEMP.
O-1				17						VISCOSITY Heavy TEMP.
O-63				16						VISCOSIMETER
D-15				7						FLASH POINT
S-43				8						IS AGITATOR REQUIRED
S-48				3						REMARKS
S-14				1.5						Standardized.
										R.G.
YIELD										

Formula Not to be taken from File

GLD059848

466-O 50M - 1-45 PRINTED IN U.S.A. (B)

FORMULA RECORD

Goods Endurance Semi Paste White — Formula No. Y502F

Consistency Liquid — Date 4-13-46 — Laboratory No.

For Use on — Cost Classification

Code Number	One Gallon Batch			Gallon Batch			Gallon Batch			Manufacturing Specification
	Pints.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
W6		11	4		360			900		Grind 2
W 6-7		11	4		360			900		Kind of Mill Stone [illegible]
W-10		4	11		150			375		Strainer [illegible]
W 11		3	2		100			250		Weight per Gallon
										Light Baume Temp.
A 286	2 3/4			11			27 1/2			Heavy Baume Temp.
A 1	2 3/16			9 1/4			23 1/2			Viscosity Neg. Temp.
D-15	1			4			10			Viscosimeter
S-43	1 3/16			4 3/4			11 3/4			Flash Point
S-48	1/2			2			5			Is Agitator Required
S-14	1/4			1			2 1/2			Remarks
										H.G.H.
Yield										

Standard Formula Not to be taken from File

DISCONTINUED
SEE Y 502B
12/13/46

GLD059849

Characteristics and Method of Using		Cost Data				Customers
Type of Goods	Party Paint					
Color	White					
Luster						
Match for						
Kind of Reducer	[illegible]					
Amount of Reduction for	[illegible]					
Brushing	✓					
Spraying	Pressure					
Dipping	Drip Time	Analysis				
Flocoing	Drip Time	Pigment	79.9 %			
Tumbling		Vehicle	20.1 %			All plants 4-25-46
Air dry to recoat	72 hours		100.0 %			
To Sand or Rub		Pigment				
Bake Time	Temp.	38% Leaded Zinc Oxide				37.1 %
Rub with		Lithopone				37.1 %
Polish with		Barium Sulphate				15.5 %
Schedule		Magnesium Silicate				10.3 %
						100.0 %
		Vehicle				
		Linseed Oil				66.05 %
		Mineral Spirits				18.40 %
		Liquid Drier				12.10 %
		Water				3.45 %
						100.00 %

GLD059850

480-D 50M 10-48 PRINTED IN U.S.A. (B)

FORMULA RECORD

Gloss Endurance Semi Paste White Formula No. Y502-B

Consistency S. Paste Date 12-13-46 Laboratory No.

For Use on Cost Classification

Code Number	One Gallon Batch			63 Gallon Batch			Gallon Batch			Manufacturing Specification
	Pints	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	Gals.	Lbs.	Ozs.	
W-6		11	4		360			900		Grind 2
W-69		11	4		360			900		Kind of Mill Stone
W-10		4	4		150			375		Strainer Hi-R
W-11		3	2		100			250		Weight per Gallon
										Light Baume Temp.
O-286	2 3/4			11			27 1/2			Heavy Baume Temp.
O-5	2 5/16			9 1/4			23 1/8			Viscosity Hoe Temp.
D15	1 3/16			4 3/4			11 7/8			Viscosimeter
S-43	1			4			10			Flash Point
S-78	1/2			2			5			Is Agitator Required
S-14	1/4			1			2 1/2			Remarks H.G.H
	Changed to use O-5									
								DISCONTINUED		
			Standard Formula. Not to be taken from File.					SEE		
Yield										

GLD059851

Characteristics and Method of Using		Cost Data				Customers
Type of Goods Paste Paint						
Color White						
Luster						
Match for						
Kind of Reducer Oil		Pigment			79.9%	
Amount of Reduction for 1:1		Vehicle			20.1%	
Brushing					100.0%	All plants 1-8-47
Spraying	Pressure					Wagner-Reading 6/2/48
Dipping	Drip Time	Pigment Analysis				Atlanta (HMH
Flocoing	Drip Time	35% Leaded Zinc Oxide			37.1%	3-10-53
Tumbling		Lithopone			37.1	
Air dry to recoat 72 hours		Barium Sulphate			15.5	Buena Park (Pages)
To Sand or Rub		Magnesium Silicate			10.3	9-5-57
Bake Time	Temp.				100.0%	
Rub with		Vehicle				
Polish with		Linseed Oil			66.05%	
Schedule		Mineral Spirits			18.40	
		Liquid Drier			12.10	
		Water			3.45	
					100.00%	

GLD059852