

revised
6/1/39

DU PONT FINISHES DIVISION

CODE: W-68

DATE: 6/2/38

Notifications Checked Below:

(x) Assignment

CODE: W-68

NAME: Grinder's Lead - 84.5%

CODE LIST CROSS-INDEX CLASSIFICATION: (W-1-A)

SUPPLIER: National Lead Co.

SUPPLIER'S DESIGNATION: 84.5% Soft Lead Paste

SHIPPING POINT: Brooklyn, N.Y.C.

APPROXIMATE PRICE/POUND:

EXPERIMENTAL CODE UNDER WHICH EVALUATED:

REASON FOR ISSUE:

This material has been carried under 502-993 up to this time. For the sake of uniformity, W-68 has been assigned as the permanent raw material code for the material; this notice automatically obsoletes the Divisional specifications for 502-993 dated 3/1/38.

STANDARD: To be set up.

TEMPORARY SPECIFICATIONS:

A. Masstone	TM-68	Close
B. Pigment	TM-296	84 - 85%
C. Carbonates	TM-297	Positive

Final specifications are being prepared for Divisional approval.

ISSUED BY: PHILADELPHIA (x) LAB.
() PLANT

GQD:WS

G. Q. PECKER

N50679

*Revised
1/6/41*

DU PONT FINISHES DIVISION
RAW MATERIAL SPECIFICATIONS

DU PONT TITLE: Grindex's Lead 84.5 CODE: W-68
SUPERSEDING DATE: 6/2/38 DATE ISSUED: 6/1/39 WET WT./GAL.:

GENERAL DESCRIPTION:

This is a Grindex's Basic Carbonate White Lead containing 84.5% lead and 15.5% oil.

SPECIFICATIONS:

- | <u>1. Purchasing:</u> | <u>Method</u> | <u>Limits</u> |
|-----------------------|---------------|---------------|
| (A) - Pigment | TM -296 | 84-85% |
| (B) - Carbonates | TM -297 | Positive |
2. Accessory:
Product Performance
Special Test
Possible Impurities
3. Control:
Sampling: TM-73
P & V: A, B,

SOURCE OF SUPPLY:
National Lead Co.

SUPPLIER'S DESIGNATION:
84.5% Soft Lead Paste

STANDARD:
None

RESPONSIBILITY:
Philadelphia

REASON FOR REVISION:

To issue permanent specification.

Issued By: PHILADELPHIA LABORATORY

C. D. R.
By: C. D. REINECKER

CDR:MC

*San Francisco
only*

SUPPLEMENT TO
DU PONT FINISHES DIVISION
RAW MATERIAL SPECIFICATIONS

DU PONT TITLE: Grinder's Lead in Oil 82% CODE: W-68

SUPPLEMENTS SPECIFICATION DATED: 6/1/39 DATE ISSUED 9/12/39

GENERAL DESCRIPTION: This is a soft lead paste containing about 82% basic carbonate of lead and 18% grinder's linseed oil.

SPECIFICATIONS:

<u>1. Purchasing</u>	<u>Method</u>	<u>Limits</u>
A. Pigment	T.M.-296	81-83%
B. Carbonates	T.M.-297	Positive

2. Accessory

Product Performance, Special Test, Possible Impurities

3. Control

Sampling TM-73; P&V : A&B

SOURCE OF SUPPLY: National Lead Co., San Francisco, Calif.

SUPPLIER'S DESIGNATION: Grinder's Lead in oil

REASON FOR ISSUE: To show supplement to Philadelphia specification for W-68, to apply to materials purchased for South San Francisco Plant only.

LJS:kp

ISSUED BY: South San Francisco Plant
BY: L. J. Steffens

L. J. Steffens

9/14/48

W-68

DU PONT FINISHES DIVISION
RAW MATERIAL SPECIFICATIONS

DU PONT TITLE: Grinder's Lead 84.5

CODE: W-68

SUPERSEDING DATE: 6/1/39 DATE ISSUED: 1/6/41 WET WT./GAL.: 28.5

GENERAL DESCRIPTION:

This is a Grinder's Basic Carbonate White Lead containing 84.5% lead and 15.5% oil.

SPECIFICATIONS:

1.	<u>Purchasing:</u>	<u>Method:</u>	<u>Limits:</u>
A.	Pigment	TM-296	84-85%
B.	Carbonates	TM-297	Positive
C.	Skins	TM-308	0.15% Max.

Accessory:

Product Performance
Special Test
Possible Impurities

3. Control:

Sampling: TM-73
P. & V. : A, B

SOURCE OF SUPPLY:

National Lead Company

SUPPLIER'S DESIGNATION:

84.5% Soft Lead Paste

REASON FOR REVISION:

To add skinning specification as a control test and to show weight/gallon.

Issued by: PHILADELPHIA LABORATORY

CDR/ELT

by:

C.D. Reinecker

W-68

7/17/51
DU PONT FINISHES DIVISION
RAW MATERIAL SPECIFICATIONS

DU PONT TITLE: Grinder's Lead 84.5%

DATE: 9/14/48

SUPERSEDING DATE: 1/6/41

WT./GAL.: 28.5 #'s

GENERAL DESCRIPTION: Grinder's basic carbonate white lead containing 84.5% lead and 15.5% grinding linseed oil.

SPECIFICATIONS:

<u>1. Purchasing</u>	<u>Method</u>	<u>Limits</u>
A. Pigment	TM-296	84-85%
B. Carbonates	TM-297	Positive
C. Skins	TM-308	0.15% Max.

2. Accessory:

Product Performance
Special Test
Possible Impurities

3. Control:

Sampling: TM-73
P. & V. : A, B.
"Dulux" :
Lacquer :

SOURCE OF SUPPLY:

National Lead Company
J. T. Lewis & Bros. Company

SUPPLIER'S DESIGNATION

84.5% Soft Lead Paste
White Lead in Grinder's
Oil 84.5%

REASON FOR ISSUE: To include J. T. Lewis & Bros. Company as alternate source of supply.

Issued by: PHILADELPHIA LABORATORY

by: C. D. Reinacker

CDR:hfm

W-68

**DU PONT FINISHES DIVISION
RAW MATERIAL SPECIFICATIONS**

DU PONT TITLE: Grinders Lead 84.5%

DATE: 7/12/51

SUPERSEDING DATE: 9/14/48

WT./GAL.: 28.5 #/b

GENERAL DESCRIPTION: Grinder's basic carbonate white lead containing 84.5% lead and 15.5% grinding linseed oil.

SPECIFICATIONS:

1. <u>Purchasing:</u>	<u>Method:</u>	<u>Equivalent Alt. Meth.:</u>	<u>Limits:</u>
A. Pigment	TM-296	Fed. Spec. TT-P-141	84-85%
B. Carbonates	TM-297	ASTM-D-34-47	Positive
C. Skins	TM-308	"	0.15% Max.

*Test method to be furnished upon request.

2. Accessory:

Product Performance
Special Test
Possible Impurities

3. Control:

Sampling: TM-73
P. & V.: A B
"Dulux":
Lacquer:

SOURCE OF SUPPLY:

National Lead Company
J. T. Lewis & Bros. Company
Eagle Picher Company
Euston Lead Company

REASON FOR ISSUE:

To include Eagle Picher Company and Euston Lead Co. as alternate sources of supply.

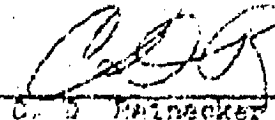
SUPPLIER'S DESIGNATION:

84.5% Soft Lead Paste
White Lead in Grinder's Oil 84.5%
BCHL Paste in Oil 84.5%
Grinders White Lead in Oil
BCHL 84.5% Linseed Oil 15.5%

Issued by: MARSHALL L. SCHAEFER

CDR:ean

by:


C. D. Schneider

DU PONT FINISHES DIVISION
RAW MATERIAL SPECIFICATIONS

DU PONT TITLE: Grinder's Lead - 84.5%DATE 4/2/58SUPERSEDES SPECIFICATION DATED: 7/12/51WT./GAL 28.5# at 25°CPHYSICAL DESCRIPTION: A white pasteCHEMICAL DESCRIPTION: Grinder's basic carbonate white lead containing approximately 84.5% pigment and 15.5% grinding linseed oil.SPECIFICATIONS:

<u>1-PURCHASING</u>	<u>DU PONT METHOD</u>	<u>EQUIVALENT METHOD</u>	<u>LIMITS</u>
A. Pigment	TM-296	TT-P-141	84 to 85%
B. Carbonates	TM-297	ASTM-D-34-47	Positive
C. Skins	TM-308	*	0.15% max.

* Method will be submitted upon request.

2-SPECIAL HANDLING PRECAUTIONS Hazard Classifications - VIII, X
Type of Hazard - This material causes skin irritation after prolonged or repeated contact and is toxic if swallowed.

Precautions: Avoid skin contact. Wear gloves when handling.
Wash thoroughly with soap and water after handling.

W-68

DU PONT FINISHES DIVISION RAW MATERIAL SPECIFICATIONS

(FOR DU PONT USE ONLY)

FILE: 3830

3-ACCESSORY:

1-SPECIAL TESTS

2-PRODUCT PERFORMANCE

3-POSSIBLE IMPURITIES

4-CODE LIST CROSS INDEX W-1-A

5-EXPERIMENTAL CODE UNDER WHICH EVALUATED:

4-CONTROL:

SAMPLING

IM 73

P & V: A, B

LACQUER:

CHEM. SPEC.

SOURCE OF SUPPLY:

National Lead Company
J. T. Lewis & Bros. Co.

Eagle Picher Co.
Euston Lead Company

SUPPLIER'S DESIGNATION.

84.5% soft lead paste
White Lead in Grinder's Oil-
84.5%
BCWL Paste in oil - 84.5%
Grinder's White Lead in oil
BCWL - 84.5%, Linseed Oil -
15.5%

STANDARD: SOURCE

DESIGNATION:

DATE ADOPTED:

PLANT RESPONSIBLE:

REASON FOR ISSUE: To bring up to date.

PHILADELPHIA PLANT LABORATORY

HEK:mtm

4/2 - R

4/11 - T

H. F. KOCHER

DU PONT FINISHES DIVISION RAW MATERIAL SPECIFICATIONS

DU PONT TITLE: Grinder's Lead - 84.5%

DATE 4/24/58

SUPERSEDES SPECIFICATION DATED: 4/2/58

WT./GAL. 28.5# @ 25°C

PHYSICAL DESCRIPTION: A white paste

CHEMICAL DESCRIPTION: Grinder's basic carbonate white lead containing approximately 84.5% pigment and 15.5% grinding linseed oil.

SPECIFICATIONS:

1-PURCHASING	DU PONT METHOD	EQUIVALENT METHOD	LIMITS
A. Pigment	TM-296	TT-P-141	84 to 85%
B. Carbonates	TM-297	ASTM-D-34-47	Positive
C. Skins	TM-308	*	0.15% max.

*Method will be submitted upon request.

2-SPECIAL HANDLING PRECAUTIONS Hazard Classifications - ~~II~~ I
Type of Hazard - This material causes skin irritation after prolonged or repeated contact and is toxic if swallowed.

Precautions: Avoid skin contact. Wear gloves when handling.
Wash thoroughly with soap & water after handling.

DU PONT FINISHES DIVISION
RAW MATERIAL SPECIFICATIONS

(FOR DU PONT USE ONLY)

FILE: 3830

3--ACCESSORY:

1--SPECIAL TESTS

2--PRODUCT PERFORMANCE

3--POSSIBLE IMPURITIES

4--CODE LIST CROSS INDEX W-1-A

5--EXPERIMENTAL CODE UNDER WHICH EVALUATED:

4--CONTROL:

SAMPLING

TM-73

P & V: A, B

LACQUER:

CHEM. SPEC.:

SOURCE OF SUPPLY:National Lead Co.
Eagle Picher Co.
Euston Lead Co.SUPPLIER'S DESIGNATION:84.5% soft lead paste
BCWL Paste in oil - 84.5%
Grinder's White Lead in oil
BCWL - 84.5%, Linseed Oil-15.5%STANDARD: SOURCEDESIGNATION:DATE ADOPTED:PLANT RESPONSIBLE:REASON FOR ISSUE:To remove J. T. Lewis & Bros. Co., as a supplier since they
were taken over by National Lead. (Re: S. J. Stickley's
letter of 4/22/58)HFK:jubj
4/29/58

PHILADELPHIA PLANT LABORATORY

H. F. KOCHER

DU PONT FABRICS AND FINISHES DEPT.
RAW MATERIAL SPECIFICATIONS

DU PONT TITLE: Grinder's Lead - 84.5%

DATE 6/12/63

SUPERSEDES SPECIFICATION DATED: 4/24/58

WT./GAL 28.54's at 25°C

PHYSICAL AND CHEMICAL DESCRIPTION: A white paste of grinder's basic carbonate white lead containing approximately 84.5% pigment and 15.5% grinding linseed oil.

SPECIFICATIONS:

<u>I-PURCHASING</u>	<u>DU PONT METHOD</u>	<u>EQUIVALENT METHOD</u>	<u>LIMITS</u>
A. Pigment	TM-296	TT-P-141	84 to 85%
B. Carbonates	TM-297	ASTM-D-34-56T	Positive
C. Skins	TM-308	*	0.15% max.

*Method will be submitted to supplier upon request.

2. SUPPLIER STENCILING:

DU PONT CODE: W-68
SUPPLIER LOT NO.:
DU ORDER NO.:

3. SPECIAL HANDLING PRECAUTIONS:

"S" Classification: None

Hazard Classification: X

Type of Hazard: This material is toxic if swallowed.

Precautions: Wash thoroughly with soap and water after handling.

DU PONT FABRICS AND FINISHES DEPT.
RAW MATERIAL SPECIFICATIONS

FOR DU PONT USE ONLY

FILE: 3830

4-ACCESSORY:

1-SPECIAL TESTS

2-PRODUCT PERFORMANCE

3-POSSIBLE IMPURITIES

4-CODE LIST CROSS INDEX

5-EXPERIMENTAL CODE UNDER WHICH EVALUATED:

6-DATE OF LATEST SPECIFICATION SENT TO SUPPLIER FOR APPROVAL: 6 /12/63

5-CONTROL:

SAMPLING

TM-73

P & V:

LACQUER:

CHEM. SPEC:

SOURCE OF SUPPLY:

National Lead Co.
Eagle Picher Co.
Euston Lead Co.

SUPPLIER'S DESIGNATION:

84.5% soft lead paste
BCWL Paste in oil - 84.5%
Grinder's White Lead in oil
BCWL-84.5% Linseed Oil-15.5%

STANDARD: SOURCE

DATE ADOPTED:

DESIGNATION:

PLANT RESPONSIBLE:

REASON FOR ISSUE:

To revise "Special Handling Precautions"

PHILADELPHIA PLANT LABORATORY

CDR/bad R - 6/12/63 T - 6/12/63

C. D. REINECKER

DU PONT FABRICS AND FINISHES DEPT.
RAW MATERIAL SPECIFICATIONS

DU PONT TITLE: Grinder's Lead - 84.5%

DATE: 8/6/63

SUPERSEDES SPECIFICATION DATED: 6/12/63

WT./GAL 28.54's at 25°C

PHYSICAL AND CHEMICAL DESCRIPTION: A white paste of grinder's basic carbonate white lead containing approximately 84.5% pigment and 15.5% grinding linseed oil.

SPECIFICATIONS:

<u>1-PURCHASING</u>	<u>DU PONT METHOD</u>	<u>EQUIVALENT METHOD</u>	<u>LIMITS</u>
A. Pigment	TM-296	TT-P-141	84 to 85%
B. Carbonate	TM-297 - A	ASTM-D-34-56T	Positive
C. Skins	TM-308	*	0.15% max.

*Method will be submitted to supplier upon request.

2. SUPPLIER STENCILING:

DU PONT CODE:
SUPPLIER LOT NO.:
DU PONT ORDER NO.:

3. SPECIAL HANDLING PRECAUTIONS:

"S" Classification: None

Hazard Classifications: X

Type of Hazard: This material is toxic if swallowed.

Precautions: Wash thoroughly with soap and water after handling.

**DU PONT FABRICS AND FINISHES DEPT.
RAW MATERIAL SPECIFICATIONS**

(FOR DU PONT USE ONLY)

FILE: 3830

4-ACCESSORY:

1-SPECIAL TESTS

2-PRODUCT PERFORMANCE

3-POSSIBLE IMPURITIES

4-CODE LIST CROSS INDEX

5-EXPERIMENTAL CODE UNDER WHICH EVALUATED:

6-DATE OF LATEST SPECIFICATION SENT TO SUPPLIER FOR APPROVAL 6/12/63

5-CONTROL:

SAMPLING

TM-73

P & V:

LACQUER:

CHEM. SPEC:

SOURCE OF SUPPLY:
National Lead Co. ✓

SUPPLIER'S DESIGNATION:
84.5% soft lead paste

STANDARD: SOURCE

DATE ADOPTED:

DESIGNATION:

PLANT RESPONSIBLE:

REASON FOR ISSUE: To remove Eagle Picher as they no longer manufacture this material and Eastern Lead Company as they are no longer in business.

PHILADELPHIA PLANT LABORATORY

GDR/bad

T - 8/7/63 R-8/6/63

C. D. REINECKER

W-68

E. I. du Pont de Nemours & Co., Inc.
Finishes Division
Raw Material Specification Approval

W-68

DUPONT CODE: W-68

SUPPLIER: National Lead Co.

SUPPLIER'S DESIGNATION: 84.5% soft lead paste

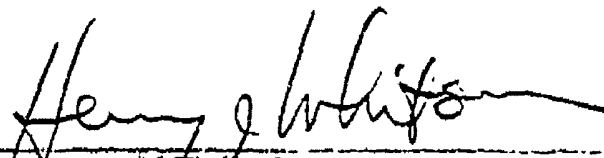
DATE OF SPECIFICATION: 6/12/63

Attached please find two copies of the purchasing specifications for the above designated raw material issued by the Finishes Division, Fabrics and Finishes Department, of E. I. du Pont de Nemours & Co., Inc. Please indicate your acceptance or rejection. One copy of this form should be retained for your files and two copies returned to the Wilmington Purchasing Department.

APPROVED ☒ X

DISAPPROVED

COMMENTS:



Signature
NATIONAL LEAD COMPANY

COMMUNICATIONS



DO NOT USE THIS SPACE

ROUTE		CLASS	SVC.
No. Wds./ MINS.		PD	1
		OL	2
		NL	3
COLLECT		FR	4
		LT	5
CALL CODE			

DATE 6/20/63 DU PONT EXT. NO. 5557

TO: D. ROBERTS
FROM: J. L. HARRIS
50, SAN FRANCISCO, CALIF.

USE M-66 IS STOPPED. WITH NUMBER CONTAINERS, WHETHER OPENED OR
UNOPENED AND QUANTITY ON HAND REQUIRING DISPOSITION.

FAISON-DUPONT

117-021
20:20

CS-1153 REV. 10-54

TELETYPE MESSAGE

DATE 6/20/63

June 11, 1965

Honorable Earl Warren
200 N. 3rd Street
Richmond, Va., 23219

Dear Mr. Warren:

CRIMINALS WHOSE HEAD IN OIL
OUR CODE NO. 1-60

Gentlemen:

Several of our clients have a surplus quantity of the above material which was supplied by your company. Enclosed below are the quantities available at each of these offices.

We would appreciate it very much if you would accept the return of this material for credit. May we have your prompt reply giving us final shipping instructions?

<u>QUANTITY</u>	<u>LOCATION</u>	<u>APPROX. TOTAL WEIGHT</u>
15	Chicago, Illinois	3,000#
10	Exeter, Massachusetts	3,000#
11	Fort Madison, Iowa	5,500#
4	Minneapolis, Minn.	3,200#
1	So. San Francisco, Cal.	550#
2	Tucker, Ga.	2,750#

Anything you can do to help us out in this matter will be appreciated.

Very truly yours,

G. M. HIGGINS, JR.
P.O. BOX 1000
FACILE INDUSTRIES DIV.

3/21
CC: E. T. Breuer-Wilmington D-8031
L. P. Felson-Wilmington D-8007
L. G. Schmieg-Lincolnwood (2)
C. W. Gustason-Chicago Plant
E. A. Miller-Chicago Production

To J.W.F.

*C.S.R. - How did this happen
without our being covered?*

Chicago Plant
2100 Elston Avenue

March 17, 1966

Just

MR. W. H. TOOLE
DIVISIONAL PLANTS CHEMICAL GROUPS
PHILADELPHIA

TRADE SALES AND INDUSTRIAL MAINTENANCE
347-907, EXTERIOR HOUSE PAINT PRIMER WHITE
CHICAGO

The Production Area was requested to manufacture 347-907, Exterior House Paint Primer White. On reviewing the raw materials involved, it was found that W-68, White Lead Carbonate, was not available. Works Supply was contacted and they informed us that W-68 is no longer available, since the supplier quit manufacturing it. This leaves us at a point where a decision should be made. We suggest that these three alternates (1) obsolete the product, (2) reformulate, or (3) obtain a new W-68 source, be considered.

Your prompt decision on this matter would be appreciated.

R. A. De WALL - Plant Manager

M. J. Petersen

By: M. J. Petersen

MJP:GK

67-224

49 Summer replace

347-907 34 Summer

301-973 Niemann

347-907

67-224

39-24 Jack Rode will

check Schmieg

Lead Silicate

out of Grade - should also be out of Maintenance

JAH F W

CDR
J. W. B.

3/24/66

W-68 White Lead Paste

Obsolescence of W-68 is not new. Have returned almost 30,000 # to Nat. Lead last year. It is currently used in 2 products

301-973 ^{House Paint} White Lead ~~Grinner~~ - 1 customer
Mameli? - (Wilmerington) 500 gal. / yr.
(J. Oyler investigating obsolescence with sales)

347-907 #39 Grinner - Both Trade Sales and Maintenance Trade have switched to 67-034 #49 Grinner.

Discussed this with Petersen who was aware of the change to 49 Grinner but he claims Schmeig still placed orders for 347-907. I advised Jack Boole and he will handle.

Chicago ~~has~~ made the base for 347-907 before they realized the W-68 was not available. They would like to dispose of the base. Suggested that if they have way to dispose they should buy dry White lead and make their own W-68 -

P. return for my file CDR