



SPECIFICATION FOR PURCHASED MATERIAL

Material Tribasic Lead PhosphosilicateDate 12/22/69Code 68 03 21

Supersedes Specification

General Description:

Date

Code

White, fine fluffy powder for use as a stain control pigment in exterior oil and latex paints.

CHARACTERISTICS	MIN.	STD.	MAX.	TEST METHOD
1. Color		Equal to Standard		ASTM D 387
2. Texture		Equal to Standard		Visual
3. Composition: Lead as PbO	84		86	
4. Oil Absorption	12		16	ASTM D 281
5. Residue 325 Mesh			1.0	ASTM D 185
6. Moisture (%)			1.0	ASTM D 280
7. Dispersion	4H/5H			ITM 421.4
Mean particle size 0.25 microns				

SPECIAL TESTS AND/OR CHARACTERISTICS:

Typical Chemical Composition

Lead as PbO

85.2

Silica as SiO₂

7.5

Phosphorus as P₂O₅

5.0

Combined H₂O

1.8

Free Moisture & Other Volatiles

0.5

100.0

~~See Also. ASTM D 2742~~~~ASTM D 2744~~

N16344

Code 680321

RAW MATERIAL CHARACTERISTICS AND ASSIGNMENT REQUEST FORM

INTRA COMPANY CONFIDENTIAL

This Side for S-W and Affiliated Company Personnel Only

68 03 21 Code TRADE NAME Hammond Lead Products Co. P-7 Lead Phosphosilicate
 12/22/69 Date CHEMICAL NAME Tribasic Lead Phosphosilicate
 12 Card No.

Prev. Code

SUPPLIER'S (Primary)

CODE

FORMULATING PARAMETERS

2.00 Gal. Cwt. @ 25° C
 49.98 Lb./Gal. @ 25° C
 100 Wt. % NVM
 100 Vol. % NVM
 100 Wt. % Pig.
 100 Vol. % Pig.

Hammond Chemical Company

P-7 Tribasic Lead Phosphosilicate

OTHER CHARACTERISTICS

HANDLING

25-lb fibre drums,

Coeff. of Exp.
 TOC Flash
 Pt. ° F.
 Price Lb.

Shipping Containers 50-lb paper bags Safety Label Codes No
 Age Limit None Protect from Freezing No Protect from Moisture Yes
 Flammable Material No Explosive Material No Hazardous Material Yes

SAFETY PRECAUTIONS AND OTHER HANDLING INFORMATION

Contains lead. Avoid breathing dust. Wash hands after handling.

USES

Product Name Type or Rex A17 W 2, B42 W 10
 Line Item X Customer Specification Experimental
 Reason for Assignment or Revision New Assignment
 Similar Codes 68 03 20 Codes Which May Become Overstock
 Advantages Over Similar Material Stain control in Redwood and Cedar

SPECIAL TESTS:

INSTRUCTIONS

1. Fill out as completely as possible. Refer to Routine & Policy Bulletin No. 145.
2. Enumerate all tests on opposite side in consecutive order.

0007-SWP-063039

The following test numbers are to be run routinely. 1, 2, 3, 4, 5, 7
 Tentative Reference Sample to be sent to Cleveland Tech. Service. Yes No X

Person Requesting Assignment J. G. Barrick Date 12/22/69
 Laboratory Coordinator Approving R. L. Collins Lab. nical Service

Code 68 03 21

**THE SHERWIN-WILLIAMS Co.**

GENERAL PURCHASING DEPT.

• 101 PROSPECT AVE., N.W.

• CLEVELAND, OHIO 44101 •

SPECIFICATION FOR PURCHASED MATERIALMaterial Tribasic Lead PhosphosilicateDate 4/29/70Code 68 03 21

Supersedes Specification

General Description:

Date 12/22/69Code 68 03 21

White, fine fluffy powder for use as a stain control pigment in exterior oil and latex paints.

CHARACTERISTICS	MIN.	STD.	MAX.	TEST METHOD
1. Color	Not yellower than Standard			ASTM D 387
2. Texture	Equal to Standard			Visual
3. Composition Lead as PbO	84		86	ASTM D 2742
4. Oil Absorption	14		20	ASTM D 281
5. Residue 325			1.0	ASTM D 185
6. Moisture (%)			1.0	ASTM D 280
7. Dispersion	5H			ITM 421.4
Mean particle size 0.25 microns				

SPECIAL TESTS AND/OR CHARACTERISTICS:

Typical Chemical Composition - ASTM D 2742

Lead as PbO 85.2

Silica as SiO₂ 7.5Phosphorus as P₂O₅ 5.0Combined H₂O 1.8

Free Moisture & Other Volatiles 0.5

100.0

0007-SWP-063040

PRACTICAL REQUIREMENTS: The material shall remain constant in successive lots or shipments with respect to unspecified characteristics to the extent that the seller warrants that no known changes are to be made in raw materials or processing methods of this material without due notification of the buyer.

RAW MATERIAL CHARACTERISTICS AND ASSIGNMENT REQUEST FORM

INTRA COMPANY CONFIDENTIAL

This Side for S-W and Affiliated Company Personnel Only

68 03 21 Code TRADE NAME Hammond Lead Products Co. P-7 Lead Phosphosilicate

12/22/69 Date CHEMICAL NAME Tribasic Lead Phosphosilicate

2 Card No.

Prev. Code

SUPPLIERS (Primary)

CODE

FORMULATING PARAMETERS

2.00 Gal. Cwt. @ 25° C
49.98 Lb./Gal. @ 25° C Hammond Chemical Company
100 Wt. % NVM
100 Vol. % NVM
100 Wt. % Pig.
100 Vol. % Pig.

P-7 Tribasic Lead Phosphosilicate

OTHER CHARACTERISTICS

HANDLING 25-lb fibre drums,
Shipping Containers 50-lb paper bags Safety Label Codes no
Age Limit None Protect from Freezing No Protect from Moisture Yes
Flammable Material No Explosive Material No Hazardous Material Yes

SAFETY PRECAUTIONS AND OTHER HANDLING INFORMATION

Contains lead. Avoid breathing dust. Wash hands after handling.

USES

Product Name Type or Rex A17 W 2, B42 W 10
Line Item X Customer Specification Experimental
Reason for Assignment or Revision Change in color, Oil absorption and dispersion to comply with
Similar Codes 68 03 20 Codes Which May Become Overstock supplier's request
Advantages Over Similar Material Stain control in Redwood and Cedar

SPECIAL TESTS:

INSTRUCTIONS

1. Fill out as completely as possible. Refer to Routine & Policy Bulletin No. 145.
2. Enumerate all tests on opposite side in consecutive order.

0007-SWP-063041

The following test numbers are to be run routinely. 1,2,4,5,7

Tentative Reference Sample to be sent to Cleveland Tech. Service. Yes No X

Person Requesting Assignment J. G. Barrick Date 12/22/69

Laboratory Coordinator Approving R. L. Collins Lab. Cleveland Technical Service

Received and Approved in Cleveland By J. Tillman/E. Gardiner Date 4/29/70

Code 680321