

QPL TT-E-485-14
17 February 1965
SUPERSEDING
QPL TT-E-485-13
1 April 1964

FEDERAL QUALIFIED PRODUCTS LIST
OF
PRODUCTS QUALIFIED UNDER FEDERAL SPECIFICATION
TT-E-485d

FSC 8010

ENAMEL, SEMI-GLOSS, RUST-INHIBITING

This list has been prepared for use by or for the Government in the procurement of products covered by the subject specification and such listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements. Use of the information shown hereon for advertising or publicity purposes is expressly forbidden.

The activity responsible for this Qualified Products List is Army Ordnance Corps.
COATING AND CHEMICAL LABORATORY, ABERDEEN PROVING GROUND, MARYLAND

Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
TYPE II			
Olive Drab No. X24087 - Qualification extended to Olive Green No. 24064, Marine Corps	X43-9318	19,509	Green No. 23 and Natural Shade Allied Paint Manufacturing Company, Inc.
"	R-1950-J	18,847	Armstrong Paint & Varnish Works, Inc.
"	11879	17,182	Atlas Paint & Varnish Company
"	FL-6A54	21,073	Automotive Finishes, Inc.
"	X-24393	17,991	Baltimore Paint & Chemical Corp.
"	S-273	17,116	Body Brothers Inc.
"	A-31101	20,458	Bradley & Vrooman Company
"	A-540	19,098	Andrew Brown Company
"	S-X-24087	17,060	Carbit Paint Company
"	245	21,589	Con-Lux Paint Corporation
"	814-G-811	19,438	Cook Paint & Varnish Company
"	16051-11	17,322	DeSoto Chemical Coatings Inc.
"	1081-62719	17,363	E. I. du Pont de Nemours & Co., Inc.
"	1081-9742	21,997	E. I. du Pont de Nemours & Co., Inc.
"	L4648A	19,450	Duralac Chemical Corporation
"	1003	19,849	Eastern Paint & Varnish Works, Inc.
"	3840-5	17,189	Eastern States Paint & Varnish Co.
"	EX-4784	19,972	Enmar, Inc.
"	11788	16,401	Enterprise Paint Mfg. Co.
"	64438	22,402	The Farbol Co.
"	103-G-160	17,786	W. P. Fuller & Company

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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TYPE II (Cont'd)

Olive Drab No. X24087	Qualification extended to Olive Green No. 24064, Marine Corps Green No. 23 and Natural Shade		
"	39540	20,333	P. D. George Company
"	RGL-30941-A	17,590	The Glidden Company
"	1-6511	22,392	Mock Paint & Chemical Works, Inc.
"	5-213-C	17,270	Hub Paint & Varnish Company, Inc.
"	5-570	22,539	Jamestown Paint & Varnish Company
"	7104	18,260	The Kansas Paint & Color Company
"	122404-B	21,415	Lilly Varnish Company
"	3X637	18,630	Midland Industrial Finishes Co.
"	A-6764	17,018	Minnesota Paints, Inc.
"	FI4781	17,647	Mobil Finishes Company, Inc.
"	LS-2408	18,924	Mobile Paint Mfg. Co., Inc.
"	300-G-9A	20,167	Nepko Corp.
"	B-1290	19,962	Niles Chemical Paint Co.
"	#43N36	21,233	National Lead Company
"	LB 1120A	19,089	Pervo Paint Company
"	UC-38050	17,292	Pittsburgh Plate Glass Company
"	KS1406	17,130	Pratt & Lambert Inc.
"	LM1581D	17,224	Preservative Paint Company
"	11-105074	18,996	Pur-All Paint Products Co., Inc.
"	200-3069-525	17,244	Reliance Varnish Company
"	S-3670	21,554	W. C. Richards Company
"	Q306048	17,552	Rinsed-Mason Company
"	SNF-763	22,513	Saginaw Paint Mfg. Co.
"	X-1273	18,691	Sentry Paint & Chemical Co., Inc.
"	751-G-114	22,017	Sherwin-Williams Company
"	J-1082	17,107	William Armstrong Smith Company
"	288-G-22	17,029	Socony Paint Products Company
"	1861-E	19,569	Titanine, Inc.
"	6-1680	18,003	Tousey Varnish Company
"	1810207	22,677	United Lacquer Mfg. Corp.
"	2005D1	20,142	Vacraft Paint Company

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OPL TT-E-485-14

OO FORM

1 Oct 59

1537-3 (Continuation sheet for OO Form 1537-1 and 1537-4) (Replaces OO Form 1537-3, dated 1 Aug 52, which is obsolete)

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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TYPE II (Cont'd)
Olive Drab No. X24087 - Qualification extended to Olive Green No. 24064, Marine Corps Green No. 23 and Natural Shade

"	A214	17,774	Watson-Standard Company
"	8200	17,069	Wisconsin Paint Mfg. Co.
"	L-6380K	21,354	John H. Witte & Sons
"	7ALK8412	18,976	Wyandotte Paint Products Co.
"	U-1842	17,030	Wm. F. Zumwalt, Inc.

TYPE IV
Olive Drab No. X24087 - Qualification extended to Olive Green No. 24064, Marine Corps Green No. 23 and Natural Shade

"	43-9377	19,752	Allied Paint Manufacturing Co., Inc.
"	R-7654-C	19,822	Armstrong Paint & Varnish Works Inc.
"	11851	17,180	Atlas Paint & Varnish Company
"	11873	17,183	Atlas Paint & Varnish Company
"	B-283C	21,188	Andrew Brown Company
"	2559-3	19,561	Bruning Paint Company, Inc.
"	D860	20,053	Clement Coverall Company
"	16051-12	17,485	DeSoto Chemical Coatings, Inc.
"	1028-5115	17,364	E.I. du Pont de Nemours & Co., Inc.
"	U4649	19,180	Duralac Chemical Corp.
"	1004	19,847	Eastern Paint & Varnish Works, Inc.
"	3850-4	17,190	Eastern States Paint & Varnish Co.
"	EX-4785	19,971	Enmar, Inc.
"	103-G-157	17,033	W. P. Fuller & Company
"	RGL-30942	17,118	The Glidden Company
"	E-523X	17,820	Hoboken White Lead & Color Works
"	6-23-D	17,271	Hub Paint & Varnish Company Inc.
"	XF-5-3653	19,248	Jamestown Finishes, Inc.
"	JB828	17,953	Lasting Products Company
"	122405-B	21,417	Lilly Varnish Company
"	F-14758A	17,827	Mobil Finishes Company, Inc.
"	49K15	20,051	National Lead Company
"	K51490	19,857	Pratt & Lambert Inc.
"	200-2562-52	17,071	Reliance Varnish Company, Inc.

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
TYPE IV			
Olive Drab No. X24087 - Qualification extended to Olive Green No. 24064, Marine Corps Green No. 23 and Natural Shade			
"	#5-3365	20,694	W. C. Richards Company
"	Q306046	17,097	Rinshed-Mason Company
"	X-1417	19,527	Sentry Paint & Chemical Co., Inc.
"	F92 G Y26	19,046	Sherwin-Williams Company
"	J-1049	17,478	William Armstrong Smith Company
"	1871-F	19,659	Titanine, Inc.

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MULTIPLE ADDRESS LISTING
(Military and Federal Qualified Products Lists)

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Reference Number	Manufacturer's Name Address and Plant	Reference Number	Manufacturer's Name Address and Plant
	Allied Paint Mfg. Company, Inc. 834 West Third Street Lansdale, Pennsylvania 19446 Plants: Lansdale, Pa. Cosden Chemical Coatings, Corp. Beverly, N. J.		Con-Lux Paint Corporation Metuchen, New Jersey Plant: Same address
	Armstrong Paint & Varnish Works, Inc. 1318-1500 South Kilbourn Avenue Chicago 23, Illinois Plants: Chicago, Illinois Stewart-Mowry Chicago, Illinois		Cook Paint & Varnish Company 1412 Knox Street Kansas City 41, Missouri Plants: No. Kansas City, Mo. Detroit, Michigan Houston, Texas
	Atlas Paint & Varnish Company 32-50 Buffington Avenue Irvington 11, New Jersey Plant: Same address		DeSoto Chemical Coatings, Inc. 1350 South Kostner Ave. Chicago 23, Illinois Plants: Chicago, Illinois Eastern Division Pennsauken, N. J. Carolina Division Greensboro, N. C. Southwestern Division Garland, Texas Illinois Division Chicago, Illinois Pacific Division Berkeley, Calif.
	Automotive Finishes, Inc. P.O. Box 457, N.W. Station Detroit, Michigan Plants: Detroit, Michigan Dearborn, Michigan		E. I. du Pont de Nemours & Co., Inc. Wilmington, Delaware 19898 Plants: Wilmington, Delaware Philadelphia 46, Pa. Fort Madison, Iowa Toledo 12, Ohio Chicago, Illinois S. San Francisco, Calif. Flint 2, Michigan
	Baltimore Paint & Chemical Corp. 2325 Annapolis Avenue Baltimore 30, Maryland Plant: Same address		Duralac Chemical Corporation 84 Lister Avenue Newark 5, New Jersey Plant: Same address
	Body Brothers Inc. 214 Northfield Road Bedford, Ohio Plant: Same address		Eastern Paint & Varnish Works, Inc. Cor. Fifth & Horton Aves. Hawthorne, New Jersey Plant: Same address
	Bradley & Vrooman Company 2629 South Dearborn Street Chicago 16, Illinois Plant: Same address		Eastern States Paint & Varnish Co. Swanson & Nifflin Streets Philadelphia 48, Pa. Plant: Same address
	Andrew Brown Company 5431 S. District Blvd. Los Angeles 22, Calif. Plants: Los Angeles, Calif. Irving, Texas Laurel, Md.		Enmar, Inc. 25th & New York (or P.O. Box 2152) Wichita, Kansas 67201 Plants: Wichita, Kansas Little Rock, Arkansas
	Bruning Paint Company, Inc. 4209 E. Chase Street Baltimore 5, Maryland Plant: Same address		Enterprise Paint Manufacturing Co. 2841 South Ashland Ave. Chicago 8, Illinois Plant: Same address
	Carbit Paint Company 927 W. Blackhawk Street Chicago 22, Illinois Plant: Same address		
	Clement Coverall Company 623 Wan Hook Street Camden, New Jersey Plant: Same address		

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MULTIPLE ADDRESS LISTING
(Military and Federal Qualified Products Lists)

Reference Number	Manufacturer's Name Address and Plant	Reference Number	Manufacturer's Name Address and Plant
	The Farboil Company 801 Key Highway Baltimore 30, Md. Plant: Same address		Lilly Varnish Company 666 So. California Street Indianapolis, Indiana 46207 Plants: Indianapolis, Indiana Lilly Company High Point, N. C. Lilly Varnish Co. of Mass Gardner, Mass
	W. P. Fuller & Company 450 East Grand Avenue So. San Francisco, Calif. Plants: So. San Francisco, Calif. Los Angeles, Calif. Portland, Oregon Seattle, Washington		Midland Industrial Finishes Co. E. Water Street Waukegan, Illinois Plant: Same address
	P. D. George Company 5200 North Second Street St. Louis 7, Missouri Plant: Same address		Minnesota Paints, Inc. 1101-3rd Street South Minneapolis 15, Minn. Plants: Atlanta, Ga. Minneapolis, Minn. Fort Wayne, Ind. Dallas, Texas
	The Glidden Company 900 Union Commerce Building Cleveland 16, Ohio Plants: Cleveland, Ohio Chicago, Illinois Reading, Pa. Minneapolis, Minn. St. Louis, Mo. New Orleans, La. Atlanta, Ga. San Francisco, Calif. Buena Park, Calif. Carrollton, Texas Portland, Oregon		Mobil Finishes Company, Inc. 101 E. Ontario Street Chicago, Illinois 60611 Plants: Chicago, Illinois American-Marietta Division Kankakee, Illinois Charles L. Long Division Louisville, Ky. Arco Division Cleveland, Ohio Ferber-Schorndorfer Division Cleveland, Ohio Marietta Paint & Color Division High Point, N. C. Marietta, Ohio Sewell Paint & Varnish Division Kansas City, Mo. Stoner-Hodge Division Pittsburgh, 33, Pa.
	Hoboken White Lead & Color Works, Inc. 1501 Adams Street Hoboken, New Jersey Plant: Same address		Mobila Paint Manufacturing Co., Inc. 854 So. Conception Street Mobile, Alabama Plant: Same address
	Hock Paint and Chemical Works, Inc. Box 190 Phoenixville, Pennsylvania 19460 Plant: Same address		Napko Corporation P.O. Box 14509 Houston, Texas 77021 Plant: Same address
	Hub Paint & Varnish Company, Inc. 47-38 Fifth Street Long Island City 1, New York Plant: Same address		National Lead Company 2240 Twenty-Fourth Street San Francisco 10, California Plants: San Francisco, California Los Angeles, California Seattle, Washington Perth Amboy, New Jersey Chicago, Illinois
	Jamestown Finishes, Inc. 325 Blackstone Avenue Jamestown, New York Plant: Same address		Niles Chemical Paint Company 3rd & Fort Streets Niles, Michigan Plant: Same address
	Jamestown Paint & Varnish Co. Jamestown, Pennsylvania Plant: Same address		
	The Kansas Paint & Color Company 132 N. Mosley Wichita, Kansas Plant: Same address		
	Lasting Products Company 200 Block South Franklinton Road Baltimore 23, Maryland Plant: Same address		

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MULTIPLE ADDRESS LISTING
(Military and Federal Qualified Products Lists)

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Reference Number	Manufacturer's Name Address and Plant	Reference Number	Manufacturer's Name Address and Plant
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Pervo Paint Company
6624 Stanford Avenue
Los Angeles 1, California
Plant: Same address

Pittsburgh Plate Glass Company
235 E. Pittsburgh Avenue
Milwaukee, Wisconsin 53201
Plants: Milwaukee, Wisconsin
Newark, N. J.
Springdale, Pa.
Houston, Texas
Torrance, Calif.
Portland, Oregon
East Point, Ga.
M. B. Snyden Division
Pittsburgh, Pa.
Ditzler Color Division
Detroit, Michigan
Forbes Finishes Division
Cleveland, Ohio
Thresher Paint & Varnish Co.
Dayton, Ohio

Pratt & Lambert, Inc.
75 Tonawanda Street
Buffalo 7, New York
Plants: Buffalo, New York
Dibble Color Company
Detroit, Michigan
Waggener Paint Company
Kansas City, Mo.

Preservative Paint Company
5410 Airport Way
Seattle, Washington 98108
Plant: Same address

Pur-All Paint Products Inc.
420 Bacon Street
Bronx 59, New York
Plant: Same address

Reliance Varnish Company Inc.
1901 Sheridan Road
North Chicago, Illinois
Plants: Chicago, Illinois
Louisville, Kentucky
Los Angeles, Calif.
Houston, Texas
Irvington, New Jersey
High Point, No. Carolina
Roanoke, Virginia

W. C. Richards Company
3555 West 123rd Street
Blue Island, Illinois 60406
Plant: Same address

Rinsched-Nason Company
5935 Milford Avenue
Detroit, Michigan 48210
Plants: Detroit, Michigan
Anaheim, California

Saginaw Paint Mfg. Company
344 W. Genesee
Saginaw, Michigan
Plant: Same address

Sentry Paint & Chemical Co., Inc.
1111 & Lawrence Street
Darby, Pa.
Plant: Same address

Sherwin Williams Company
101 Prospect Avenue, N.W.
Cleveland 1, Ohio
Plants: Cleveland, Ohio
Chicago 28, Illinois
Garland, Texas
Los Angeles 23, Calif.
Newark 1, N. J.
Oakland 8, Calif.

Acme Quality Paints, Inc.
Detroit, Ill, Michigan
The Lowe Brothers Inc.
Dayton, Ohio
John Lucas Company
Gibbsboro, N. J.
Martin-Senour Co.
Chicago 8, Ill
Rogers Paint Products
Detroit 11, Michigan

William Armstrong Smith Company
1561 Forrest Avenue
P.O. Box 430
East Point, Georgia 30044
Plants: East Point, Ga.
Reliance Chemical Co. of Kentucky
Richmond, Calif.
Reliance Chemical Co. of Kansas
Pauline, Kansas

Socony Paint Products Company
Metuchen, New Jersey
Plants: Metuchen, N. J.
Los Angeles, Calif.
Beaumont, Texas

Titanine, Inc.
Morris & Elmwood Avenues
Union, New Jersey
Plant: Same address

Tousey Varnish Company
135 West Lake Street
Northlake, Illinois 60164
Plant: Chicago, Illinois
East Moline, Illinois

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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United Lacquer Mfg. Corp.
1001 W. Elizabeth Avenue
Linden, New Jersey
Plant: Same address

Varcraft Paint Company
Kalm & Cross Streets
Pottstown, Pennsylvania
Plant: Same address

Watson-Standard Company
225 Galveston Avenue
Pittsburgh 30, Pennsylvania
Plant: Same address

Wisconsin Paint Mfg. Company
3710 North Richards Street
Milwaukee, Wisconsin 53212
Plant: Same address

John H. Witte & Sons
217 Front Street
Burlington, Iowa
Plant: Same address

Wyandotte Paint Products Co.
1430 Sycamore Street
Wyandotte, Michigan
Plants: Wyandotte, Michigan
Detroit, Michigan

Wm. F. Zummach, Inc.
120 East Mineral Street
Milwaukee 4, Wisconsin
Plants: Same address

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OO FORM

1 Oct 52

1537-3

(Continuation sheet for OO Form 1537-1 and 1537-4) (Replaces OO Form 1537-3, dated 1 Aug 52, which is obsolete)

QPL TT-E-529-17
18 October 1966
SUPERSEDED
QPL TT-E-529-16
24 August 1965

FEDERAL QUALIFIED PRODUCTS LIST
OF
PRODUCTS QUALIFIED UNDER FEDERAL SPECIFICATION
TT-E-529b

FSC 8010

ENAMEL, ALKYD, SEMI-GLOSS

This list has been prepared for use by or for the Government in the procurement of products covered by the subject specification and such listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements. Use of the information shown hereon for advertising or publicity purposes is expressly forbidden.

The activity responsible for this Qualified Products List is
U. S. ARMY COATING AND CHEMICAL LABORATORY, ABERDEEN PROVING GROUND, MARYLAND

Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
CLASS A Red Deck No. 20061 - Qualification extended to Rose No. 20252			
"	F-20061A	19,096	Carbit Paint Company
"	103-R-83	18,502	W. P. Fuller Paint Company
"	A-378	20,270	Watson-Standard Company
CLASS A Red No. 21136			
"	A-688	21,665	Andrew Brown Company
"	F-21136	18,918	Carbit Paint Company
"	48A-21136	20,404	Enmar, Inc.
"	103-R-84	18,343	W. P. Fuller Paint Company
"	1957	20,858	Titanine, Inc.
"	A-363	20,128	Watson-Standard Company
CLASS A Yellow No. 23538 - Qualification extended to Light Yellow No. 23594			
"	A-689	21,664	Andrew Brown Company
"	F-23538	18,913	Carbit Paint Company
"	280	23,470	Con-Lux Paint Products, Inc.
"	48A-23538	20,405	Enmar, Inc.
"	103-Y-81	18,345	W. P. Fuller Paint Company
"	RGL-31935-A	19,420	The Glidden Company
"	600-Y-107	19,416	Mobil Chemical Company
"	Q30Y015	22,045	Rinshed-Mason Company
"	1956	20,847	Titanine, Inc.
"	A-364	20,137	Watson-Standard Company

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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CLASS A

Olive Drab X24087 - Qualification extended to Marine Corps Green and Green No. 24064.

"	43-9368	19,693	Allied Paint Manufacturing Co., Inc.
"	AE 61151	19,125	Argo Paint & Chemical Company
"	FL-6A96-A	19,040	Automotive Finishes, Inc.
"	S-271b	18,373	Body Bros. Inc.
"	A-694A	21,662	Andrew Brown Company
"	F24087A	19,093	Carbit Paint Company
"	32725	20,123	Coatings & Chemical Corp.
"	4-682	20,552	Conchemco, Inc.
"	265	22,846	Con-Lux Paint Products, Inc.
"	814-G-747	17,181	Cook Paint & Varnish Company
"	6206080-A	19,077	Desoto Chemical Coatings, Inc.
"	1081-62723	17,392	E. I. duPont de Nemours & Co., Inc.
"	L 4631C	18,803	Duralac Chemical Corp.
"	0612-5	20,360	Eastern States Paint & Varnish Co.
"	EA-4511	17,019	Egyptian Lacquer Mfg. Co.
"	48A-X24087	20,101	Enmar, Inc.
"	26973	21,894	Foy-Johnston Inc.
"	103-G-590	18,430	W. P. Fuller Paint Co.
"	39725	22,481	P.D. George Company
"	RGL-30955-A	17,750	The Glidden Company
"	60-5409	23,965	Guardsman Chemical Coatings, Inc.
"	50638-1285	17,135	Interchemical Corporation
"	36-529a-3	23,868	Longhorn Paint Co., Inc.
"	SE-15519	24,241	Merrimack Industrial Finishes, Inc.
"	F16245A	21,521	Mobil Chemical Company
"	B-1175	18,499	Niles Chemical Paint Company
"	LB-1310A	18,693	Pervo Paint Company
"	UC-38367	18,327	Pittsburgh Plate Glass Company
"	40	21,039	Premium Finishes Inc.
"	S#1554b	19,206	Preservative Paint Company
"	Q306049	17,738	Rinshed-Mason Company
"	SNF-760	22,216	Saginaw Paint Mfg. Co.

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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CLASS A (Cont'd)
Olive Drab X24087 - Qualification extended to Marine Corps Green and Green No. 24064.

"	T-9313	21,343	Schermerhorn Paint Products Inc.
"	X-5387	23,518	Selbert-Oxidermo, Inc.
"	X1161A	19,418	Sentry Paint & Chemical Co., Inc.
"	J-1633	19,277	William Armstrong Smith Company
"	F92 G C70	18,507	Sherwin-Williams Company
"	66X-6677	21,276	Stanley Chemical Company
"	AA-555-1	17,975	Sun Chemical Corporation
"	6-1703	18,319	Tousey Varnish Company
"	1B11606	24,042	United Lacquer Mfg. Corp.
"	2007	23,757	Varcraft Paint Company
"	A-291	18,881	Watson-Standard Company
"	TX-3225	23,826	Western Specialty Coating Company
"	7 ALK-10339	22,908	Wyandotte Paint Products Company

CLASS A
Pea Green No. 24272 - Qualification extended to Green No. 24148, Green No. 24159, Green No. 24172, Green No. 24233, Green No. 24241, Green No. 24277, Green No. 24410, Green No. 24441, Light Blue No. 24491, Green No. 24525, Green No. 24449, Light Green No. 24533 & Light Green 24260.

"	529-3	23,759	Atlas Paint & Varnish Company
"	A-698	21,660	Andrew Brown Company
"	F24272A	19,095	Carbit Paint Company
"	235	20,554	Con-Lux Paint Products, Inc.
"	48A-24272	20,484	Enmar, Inc.
"	103-G-589	18,348	W. P. Fuller Paint Company
"	RGL-32411	19,150	The Glidden Company
"	LB 1421A	18,515	Pervo Paint Company
"	Q306063	21,239	Rinsched-Mason Company
"	E 2012	19,801	William Armstrong Smith Company
"	1954	20,824	Titanine, Inc.
"	A210	17,547	Watson-Standard Company

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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CLASS A

Royal Blue No. 25053 - Qualification extended to Sea Blue No. 25042, Blue 25109, and Purple No. 27144

"	A-706	21,658	Andrew Brown Company
"	F25053	18,911	Carbit Paint Company
"	290	23,582	Con-Lux Paint Products, Inc.
"	48A-25053	20,946	Enmar, Inc.
"	103-K-504	18,893	W. P. Fuller Paint Company
"	RGL-31657B	19,148	The Glidden Company
"	A-372	20,656	Watson Standard Company

CLASS A

Slate Gray No. 26132 - Qualification extended to Gray No. 26135, Gray No. 26173, Gray No. 26250, Accent Gray No. 26251, Gray No. 26280, Gray No. 26293, Sand Gray No. 26306, Gray No. 26329, Gray No. 26440, Gray No. 26492, Gray No. 26622, Gray 26152 and Light Gray 26307.

"	A-707	21,659	Andrew Brown Company
"	F-26132	18,912	Carbit Paint Company
"	270	23,395	Con-Lux Paint Products, Inc.
"	48A-26132	20,584	Enmar, Inc.
"	103-H-581	18,344	W. P. Fuller Paint Company
"	RGL-32562	19,413	The Glidden Company
"	Q30A038	21,282	Rinshed-Mason Company
"	E-3890	24,108	William Armstrong Smith Company
"	1952	20,851	Titanine, Inc.

CLASS A

Black No. 27038

"	A-714	21,663	Andrew Brown Company
"	F-27038A	19,094	Carbit Paint Company
"	275	23,448	Con-Lux Paint Products, Inc.
"	48A-27038	20,403	Enmar, Inc.
"	103-B-71	18,347	W. P. Fuller Paint Co.
"	RGL-30953	17,177	The Glidden Company
"	UC-38366	18,326	Pittsburgh Plate Glass Co.
"	Q30K011	21,240	Rinshed-Mason Company
"	A-383	20,335	Watson-Standard Company

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OO FORM

1 Oct 59

1537-3 (Continuation sheet for OO Form 1537-1 and 1537-4) (Replaces OO Form 1537-3, dated 1 Aug 52, which is obsolete)

QPL TT-E-529-17
18 October 1966

Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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CLASS A
White No. 27875 - Qualification extended to Cream No. 23717, Green No. 24518, Gray No. 25521, and Light Gray No. 26555.

"	FL-1600-A	23,412	Automotive Finishes, Inc.
"	A-716	21,661	Andrew Brown Company
"	MS-101	18,792	Buckeye Paint & Varnish Company
"	F-27875	18,915	Carbit Paint Company
"	255	22,130	Con-Lux Paint Products, Inc.
"	1081-62722	17,391	E. I. du Pont de Nemours & Co., Inc.
"	48A-27875	20,406	Enmar, Inc.
"	103-W-94	18,346	W. P. Fuller Paint Co.
"	RGL-30946	17,178	The Glidden Company
"	JB 876	15,612	Lasting Products Company
"	600-W-90	19,415	Mobil Chemical Company
"	UC-38054	18,158	Pittsburgh Plate Glass Company
"	Q30W008	18,800	Rinsheed-Mason Company
"	1950	20,845	Titanine, Inc.
"	A-453	21,045	Watson Standard Company

CLASS B
Olive Drab X24087 48C-X24087 24,220 Enmar, Inc.

CLASS B
Gray 26134 9066-1 24,080 Eastern States Paint & Varnish Co.
" 48C-26134 24,221 Enmar, Inc.
" XD-7896 24,314 Hanna Paint Mfg. Co.

CLASS B
Black 27038 9976-1 24,055 Eastern States Paint & Varnish Co.
" 48C-27038 24,222 Enmar, Inc.
" XD-7897 24,318 Hanna Paint Mfg. Co.

CLASS B
White 27875 9926-1 23,944 Eastern States Paint & Varnish Co.
" 48E-27875 24,223 Enmar, Inc.

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QPL TT-E-529-17

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18 October 1966

MULTIPLE ADDRESS LISTING
(Military and Federal Qualified Products Lists)

Reference Number	Manufacturer's Name Address and Plant	Reference Number	Manufacturer's Name Address and Plant
	Allied Paint Manufacturing Company, Inc. 834 West Third Street Lansdale, Pennsylvania 19446 Plants: Lansdale, Pa. Cosden Chemical Coatings Corp. Beverly, New Jersey		Conchemco, Inc. 1401 Severn Street Baltimore 30, Maryland Plants: Baltimore, Md. Boydell Bros. Detroit, Michigan
	Argo Paint & Chemical Company 19440 Fitzpatrick Detroit 28, Michigan Plant: Same address		Seldlitz Paint & Varnish Co. Kansas City, Mo. H. B. Davis Co. Baltimore, Md. John W. Masury & Son, Inc. Baltimore, Md. W. H. Sweeney & Co. St. Paul, Minn.
	Atlas Paint & Varnish Company 32-50 Buffington Avenue Irvington 11, New Jersey Plant: Same address		Seldlitz Paints of Texas, Inc. Houston, Texas Masury Paints of Texas, Inc. Houston, Texas Old Colony Paint & Chemical Co. Los Angeles, Calif.
	Automotive Finishes, Inc. P.O. Box 457, N.W. Station Detroit 4, Michigan Plants: Detroit, Michigan Dearborn, Michigan		Cook Paint & Varnish Company 1412 Knox Street Kansas City, Missouri 64141 Plants: Mo. Kansas City, Mo. Detroit, Michigan Houston, Texas
	Body Brothers, Inc. 214 Northfield Road Bedford, Ohio Plant: Same address		DeSoto Chemical Coatings, Inc. 1350 South Kostner Avenue Chicago 23, Illinois Plants: Chicago, Illinois Eastern Division Pennsauken, N. J. Caroline Division Greensboro, No. Carolina Southwestern Division Garland, Texas Illinois Division Chicago, Illinois Pacific Division Berkeley, Calif.
	Andrew Brown Company 5431 S. District Blvd. Los Angeles 22, Calif. Plants: Los Angeles, Calif. Irving, Texas Laurel, Md. Kent, Washington Marietta, Georgia		E. I. du Pont de Nemours & Co., Inc. Wilmington, Delaware 19890 Plants: Wilmington, Delaware Philadelphia 46, Pa. Fort Madison, Iowa Toledo 12, Ohio Chicago 16, Illinois So. San Francisco, Calif. Flint, 2, Michigan
	Buckeye Paint & Varnish Company 715 South 15th Street Toledo 2, Ohio Plant: Same address		Duralac Chemical Corporation 84 Lister Avenue Newark 5, New Jersey Plant: Same address
	Carbit Paint Company 927 West Blackhawk Street Chicago 22, Illinois Plant: Same address		Eastern States Paint & Varnish Company Swanson & Hifflin Streets Philadelphia 48, Pennsylvania Plant: Same address
	Coatings & Chemical Corporation 3065 North Elston Avenue Chicago 18, Illinois Plant: Same address		
	Con Lux Paint Products, Inc. Ethel and Talmadge Roads Edison, New Jersey 08817 Plant: Same address		

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QPL TT-E-529-17

MULTIPLE ADDRESS LISTING
(Military and Federal Qualified Products Lists)

QPL TT-E-529-17
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Reference Number	Manufacturer's Name Address and Plant	Reference Number	Manufacturer's Name Address and Plant
Egyptian Lacquer Mfg. Co. P.O. Box 444 Newark 1, New Jersey Plants: Newark, N. J. South Kearney, N. J. Lafayette, Indiana		Hanne Paint Mfg. Co. 1313 Windsor Avenue Columbus, Ohio 43216 Plants: Columbus, Ohio James B. Sipe & Company Pittsburgh 16, Pa. Hanna Paint Co., Inc. Birmingham, Alabama	
Enmar, Inc. 25th & New York (or P.O. Box 2153) Wichita, Kansas 67201 Plants: Wichita, Kansas Little Rock, Arkansas		Interchemical Corporation Finishes Division P.O. Box 659 Newark 1, New Jersey Plants: Newark, N. J. Cincinnati, Ohio Elizabeth, New Jersey Los Angeles, Calif. Chicago, Illinois	
Foy-Johnston, Inc. 1776 Mentor Avenue Cincinnati 12, Ohio Plant: Same address		Lasting Products Company 200 Block S. Franklinton Road Baltimore 23, Maryland Plant: Same address	
W. P. Fuller Paint Co. 450 East Grand Avenue South San Francisco, Calif. 94080 Plants: So. San Francisco, Calif. Los Angeles, Calif. Seattle, Washington		Longhorn Paint Company, Inc. P.O. Box 5099 San Antonio 1, Texas Plant: Same address	
P. D. George Company 5200 North Second Street St. Louis 7, Missouri Plant: Same address		Merrimack Industrial Finishes, Inc. 33 Railroad Avenue Haverhill, Massachusetts Plant: Same address	
The Glidden Company 900 Union Commerce Building Cleveland, Ohio 44114 Plants: Cleveland, Ohio Chicago, Illinois Reading, Pa. Minneapolis, Minn. St. Louis, Mo. New Orleans, La. Atlanta, Ga. San Francisco, Calif. Buena Park, Calif. Carrollton, Texas Portland, Oregon		Mobil Chemical Company 1024 South Avenue Plainfield, N. J. 07062 Plants: Automotive Finish Division Ferbort Schorndorfer Cleveland, Ohio Maintenance Finish Division Socony Paint Beaumont, Texas Los Angeles, Calif. Metuchen, New Jersey	
Guardsman Chemical Coatings, Inc. 1350 Steele, S. W. Grand Rapids, 2, Michigan Plant: Grand Rapids, Michigan Lambert Corporation Houston, Texas The Schaefer Varnish Company Louisville, Kentucky 40210		Metal Finishes Division American Marietta Kankakee, Ill. Louisville, Ky. Arco, Cleveland, Ohio Marietta Paint and Color High Point, N. C. Marietta, Ohio Sewall Paint, Kansas City, Mo. Packaging Coating Division Stoner-Hodge Azusa, Calif. Pittsburgh, Pa. Rochester, Pa.	

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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Niles Chemical Paint Company
3rd & Fort Streets
Niles, Michigan
Plant: Same address

Pervo Paint Company
6624 Stanford Avenue
Los Angeles 1, California
Plant: Same address

Pittsburgh Plate Glass Company
235 E. Pittsburgh Avenue
Milwaukee, Wisconsin 53201
Plants: Milwaukee, Wisconsin
Newark, New Jersey
Springdale, Pa.
Houston, Texas
Torrance, Calif.
Portland, Oregon
East Point, Georgia
M. B. Suydam Division
Pittsburgh, Pa.
Ditzler Color Division
Detroit, Michigan
Forbes Finishes Division
Cleveland, Ohio
Thresher Paint & Varnish Company
Dayton, Ohio

Premium Finishes, Inc.
Durham Avenue
Cincinnati 32, Ohio
Plant: Same address

Preservative Paint Company
5410 Airport Way
Seattle, Washington 98108
Plant: Same address

Rinshed-Mason Company
5935 Milford Avenue
Detroit, Michigan 48210
Plants: Detroit, Michigan
Anaheim, California

Saginaw Paint Mfg. Co.
344 W. Genesee
Saginaw, Michigan 48605
Plant: Same address

Schermerhorn Paint Products, Inc.
1521 Hilton Road
Ferndale 20, Michigan
Plant: Same address

Seibert-Oxidormo, Inc.
6455 Strong Avenue
Detroit, Michigan 48211
Plant: Same address

Sentry Paint & Chemical Co., Inc.
1111 & Lawrence Streets
Darby, Pa.
Plant: Same address

Sherwin-Williams Company
101 Prospect Ave., N.W.
Cleveland 1, Ohio
Plants: Cleveland 1, Ohio
Chicago 28, Illinois
Garland, Texas
Los Angeles 23, Calif.
Newark 1, New Jersey
Oakland 8, California
Acme Quality Paints, Inc.
Detroit 11, Michigan
The Lowe Bros., Inc.
Dayton, Ohio
John Lucas Company
Gibbsboro, New Jersey
Martin-Senour Co.
Chicago 8, Illinois
Rogers Paint Products
Detroit 11, Michigan

William Armstrong Smith Company
1561 Forrest Avenue
P.O. Box 430
East Point, Georgia 30044
Plants: East Point, Ga.
Reliance Chemical Co. of Kentucky
Richmond, Calif.
Reliance Chemical Co. of Kansas
Pauline, Kansas

The Stanley Chemical Co.
East Berlin, Connecticut
Plant: Same address

Sun Chemical Corporation
57 East Centre Street
Nutley 10, New Jersey
Plant: Same address

Titanine, Inc.
Morris & Elmwood Avenue
Union, New Jersey
Plant: Same address

Tousey Varnish Company
135 West Lake Street
Northlake, Illinois 60164
Plant: Chicago 16, Illinois
East Moline, Illinois

United Lacquer Mfg. Corp.
1001 W. Elizabeth Avenue
Linden, New Jersey
Plant: Same address

Watson-Standard Company
225 Galveston Avenue
Pittsburgh, Pa. 15230
Plant: Same address

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OPL TT-E-529-17

OO FORM

1597-3 (Continuation sheet for OO Form 1537-1 and 1537-4) (Replaces OO Form 1537-3, dated 1 Aug 52, which is obsolete)

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QPL TT-E-529-17
18 October 1966

Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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Western Specialty Coatings Company
Div. of Western States Lacquer Corp.
4400 Singleton Blvd.
Dallas, Texas 75212
Plants: Dallas, Texas 75212
Los Angeles, Calif 90023

Wyandotte Paint Products Company
1430 Sycamore Street
Wyandotte, Michigan
Plants: Wyandotte, Michigan
Detroit, Michigan

Varcraft Paint Company
Keim & Cross Streets
Pottstown, Pennsylvania
Plant: Same address

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QPL TT-E-529-17

U.S. GOVERNMENT PRINTING OFFICE: 1965-261-616/544

**FEDERAL QUALIFIED PRODUCTS LIST
OF
PRODUCTS QUALIFIED UNDER FEDERAL SPECIFICATION
TT-E-489d
ENAMEL, ALKID, GLOSS (FOR EXTERIOR AND INTERIOR SURFACES)**

QPL TT-E-489-19
12 October 1966
SUPERSEDED
QPL TT-E-489-18
26 January 1965

FSC 8010

This list has been prepared for use by or for the Government in the procurement of products covered by the subject specification and such listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements. Use of the information shown hereon for advertising or publicity purposes is expressly forbidden.

The activity responsible for this Qualified Products List is
US ARMY COATING AND CHEMICAL LABORATORY, ABERDEEN PROVING GROUND, MARYLAND

Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
CLASS A			
Maroon No. 10049	Qualification extended to Seal Brown No. 10080, Metallic Red No. 10076 Middlestone No. 10266 & Dark Oak 10091		
"	43-9455	19,945	Allied Paint Manufacturing Co., Inc.
"	A-10049X	17,430	Carbit Paint Company
"	225	19,390	Con-Lux Paint Products, Inc.
"	32A-10049	18,366	Enmar, Inc.
"	RGL-30968	17,212	The Glidden Company
"	B-28-A	17,421	Hub Paint & Varnish Company, Inc.
"	EL-113323	21,981	Lilly Varnish Company
"	40 M 79	20,052	National Lead Company
"	F91 M F3	17,043	Sherwin-Williams Company
"	E-3889	24,109	William Armstrong Smith Co.

CLASS A			
Red No. 11136-1	Qualification extended to Red No. 11136-2, Red No. 11136-3, Red No. 11105 and Red No. 11105-3		
"	43-9477	20,018	Allied Paint Manufacturing Co., Inc.
"	11859	17,652	Atlas Paint & Varnish Company
"	11855	17,646	Atlas Paint & Varnish Company
"	FL-5413	19,357	Automotive Finishes, Inc.
"	A-99F	21,190	Andrew Brown Company
"	A-11136-1	17,166	Carbit Paint Company
"	175	17,516	Con-Lux Paint Products, Inc.
"	814-R-556	17,155	Cook Paint & Varnish Company
"	TT-E-489c-67	20,155	DeBoon Paint Company
"	C-5572	17,079	DeSoto Chemical Coatings, Inc.

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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CLASS A (Cont'd)
Red No. 11136-1 Qualification extended to Red No. 11136-2, Red No. 11136-3, Red No. 11105 and Red No. 11105-3

"	32C-11136-1	18,955	Enmar, Inc.
"	95-R-268	17,276	W. P. Fuller Paint Co.
"	RGL-30966-B	17,529	The Glidden Company
"	7-28-A	17,422	Hub Paint & Varnish Company, Inc.
"	JP-6090	17,128	Jaegle Paint & Varnish Company
"	EL-113297	21,574	Lilly Varnish Company
"	S-4242C	17,509	M. J. Merkin Company, Inc.
"	44K24	19,717	National Lead Company
"	UC-38372	20,457	Pittsburgh Plate Glass Company
"	Q21R069	19,913	Rinshed-Mason Company
"	F91 R F6	17,037	Sherwin-Williams Company
"	57T-818	20,738	Tenax Finishing Products Co.

CLASS A
Int. Orange No. 12197-1 - Qualification extended to Orange No. 12246 and Int. Orange No. 12197-2
43-9416 19,855 Allied Paint Manufacturing Co., Inc.

"	R-7903	19,617	Armstrong Paint & Varnish Works, Inc.
"	FL-2068	19,455	Automotive Finishes, Inc.
"	A324B	21,099	Andrew Brown Company
"	A-12197-1	17,170	Carbit Paint Company
"	180	17,521	Con-Lux Paint Products, Inc.
"	S-6162	17,483	DeSoto Chemical Coatings, Inc.
"	1081-26595	17,473	E. I. duPont de Nemours & Co., Inc.
"	4744-1	22,202	Eastern States Paint & Varnish Co.
"	32A-12197-1	18,362	Enmar, Inc.
"	28141	22,583	Foy-Johnston, Inc.
"	95-S-139	17,275	W.P. Fuller Paint Co.
"	RGL-30962	17,210	The Glidden Company
"	JB 809	16,039	Lasting Products Company
"	EL-114288	21,498	Lilly Varnish Company
"	40H80	19,720	National Lead Company
"	E61 16-9-70	17,184	Nelson Company
"	Q21Y102	20,326	Rinshed-Mason Company
"	F91-E-F4	17,039	Sherwin-Williams Company
"	1031	16,974	Varcraft Paint Company

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12 October 1966

Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
CLASS A			
Yellow No. 13538	- Qualification extended to Lemon Yellow No. 13555		
"	X-43-9333	19,590	Allied Paint Manufacturing Co., Inc.
"	11890	17,140	Atlas Paint & Varnish Company
"	FL-3290-C	19,454	Automotive Finishes, Inc.
"	S-249A	21,052	Body Brothers, Inc.
"	61522A	17,221	Bradley Paint Company
"	A102B	21,100	Andrew Brown Company
"	A-13538	17,108	Carbit Paint Company
"	195	17,515	Con-Lux Paint Products, Inc.
"	814-Y-402	17,159	Cook Paint & Varnish Company
"	TT-E-489c-08	20,158	DeBoon Paint Company
"	C-5570	17,077	DeSoto Chemical Coatings, Inc.
"	32A-13538	18,361	Emmar, Inc.
"	13953	20,105	Enterprise Paint Manufacturing Co.
"	BK-103	21,820	Eversal Manufacturing Co., Inc.
"	L-2549	17,070	Forman, Ford & Company
"	28158	22,758	Foy-Johnston, Inc.
"	95-Y-251	17,281	W. P. Fuller Paint Co.
"	RGL-3090S	17,207	The Glidden Company
"	60-4275	23,495	Guardsmen Chemical Coatings, Inc.
"	2-28-P	17,296	Hub Paint & Varnish Company, Inc.
"	JP-6089	17,127	Jaegle Paint & Varnish Company
"	JB-707	16,040	Lasting Products Company
"	EL-114287A	21,863	Lilly Varnish Company
"	#0665-13538	18,936	Limbacher Paint & Color Works, Inc.
"	12373	17,956	Minnesota Paints, Inc.
"	Y-33	17,887	Benjamin Moore & Company
"	44K20	19,719	National Lead Company
"	317	16,162	A. P. Nonweiler Co.
"	LB 1294A	18,113	Pervo Paint Company
"	UC-38373	20,454	Pittsburgh Plate Glass Company
"	Q21Y140	17,092	Rinshed-Mason Company
"	56030	18,126	Sanders Paints, Inc.
"	F91 Y F3	17,243	Sherwin-Williams Company

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12 October 1966

Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
CLASS A (Cont'd) Yellow No. 13558 - Qualification extended to Lemon Yellow No. 13055			
"	J-1093	17,239	William Armstrong Smith Company
"	X-4947H	23,062	Strathmore Products, Inc.
"	57T-799	20,569	Tenax Finishing Products Co.
"	3-1042	19,250	Tousey Varnish Company
"	GS-1062	22,132	Valspar Corporation
"	1021	23,456	Varcraft Paint Company
"	A-248	18,313	Watson-Standard Company
CLASS A Olive Drab No. X14087 - Qualification extended to Army Green No. X14050 Marine Corps Green No. 23 and Olive Green No. 14064			
"	43-9395	19,812	Allied Paint Manufacturing Co., Inc.
"	R-7904-A	19,750	Armstrong Paint & Varnish Works, Inc.
"	11895	17,382	Atlas Paint & Varnish Company
"	S-281b	19,083	Body Brothers, Inc.
"	A101E	21,102	Andrew Brown Company
"	A-X14087	17,169	Carbit Paint Company
"	200	17,518	Con-Lux Paint Products, Inc.
"	814-G-780	18,060	Cook Paint & Varnish Company
"	C-5571	17,078	DeSoto Chemical Coatings, Inc.
"	548-43	18,323	Devoe & Reynolds Co., Inc.
"	1081-62728	17,698	E.I. du Pont de Nemours & Co., Inc.
"	434	21,263	Eastern Paint & Varnish Works, Inc.
"	32A-X-14087	18,364	Enmar, Inc.
"	6444S	22,133	The Farboil Company
"	28553	23,056	Foy-Johnston, Inc.
"	95-G-339	17,280	W. P. Fuller Paint Company
"	RGL-30961-A	17,334	The Glidden Company
"	2-28-W	17,924	Hub Paint & Varnish Co., Inc.
"	5538	17,725	Jones-Blair Paint Co., Inc.
"	EL-112272	21,329	Lilly Varnish Company
"	S-4269D	17,510	M. J. Merkin Company, Inc.
"	12311	17,675	Minnesota Paints, Inc.
"	F16531	21,486	Mobil Chemical Company
"	00-34	17,884	Benjamin Moore & Company
"	44K23	19,722	National Lead Company

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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CLASS A (Cont'd)

Olive Drab No. X14087 - Qualification extended to Army Green No. X14050 Marine Corps Green No. 23 and Olive Green No. 14004.	LB4738	19,097	Pervo Paint Company
"	UC-38374	20,455	Pittsburgh Plate Glass Co.
"	Q210067	19,654	Rinshed-Mason Company
"	66047	18,125	Sanders Paints, Inc.
"	F91 G F18	17,040	Sherwin-Williams Company
"	J-1242	17,978	William Armstrong Smith Company
"	E-3419	17,367	Warren Paint & Color Company
"	A-377	20,247	Watson-Standard Company
"	7AHK 9729	22,676	Wyandotte Paint Products Co.

CLASS A

Willow Green No. 14187 - Qualification extended to Dark Green No. 14062, Med. Green No. 14110, and Bright Green No. 14250	43-9456	19,944	Allied Paint Manufacturing Co., Inc.
"	11673	18,073	Atlas Paint & Varnish Company
"	FL-6889	19,356	Automotive Finishes, Inc.
"	A-2988	21,104	Andrew Brown Company
"	A-14187X	17,447	Carbit Paint Company
"	190	17,517	Con-Lux Paint Products, Inc.
"	814-G-745	17,158	Cook Paint & Varnish Company
"	C-5574	17,081	DeSoto Chemical Coatings, Inc.
"	32A-14187	18,365	Emmer, Inc.
"	507-G-124	21,991	W. P. Fuller Paint Company
"	RGL-30970	17,206	The Glidden Company
"	10-28-A	17,424	Hub Paint & Varnish Company, Inc.
"	EL-112278	21,576	Lilly Varnish Company
"	44K30	19,718	National Lead Company
"	Q210071	21,216	Rinshed-Mason Company
"	F91 G F17	17,038	Sherwin-Williams Company
"	J-1398	18,854	William Armstrong Smith Company
"	A-241	18,163	Watson-Standard Company

CLASS A

Strate Blue No. 15045 - Qualification extended to Dark Blue No. 15044, Medium Blue No. 15102, Bright Blue No. 15123, Clear Blue No. 15177, Lt. Blue No. 15193, Purple No. 17142, Post Office Blue & Med. Blue 15080	43-9465	19,979	Allied Paint Manufacturing Co., Inc.
"	11690	18,086	Atlas Paint & Varnish Company
"	FL-8500	19,410	Automotive Finishes, Inc.

OO FORM

1 Oct 59

1537-3 (Continuation sheet for OO Form 1537-1 and 1537-4) (Replaces OO Form 1537-3, dated 1 Aug 52, which is obsolete)

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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CLASS A (Cont'd)
 Strata Blue No. 15045 - Qualification extended to Dark Blue No. 15044, Med. Blue No. 15102, Bright Blue No. 15123, Clear Blue No. 15177, Lt. Blue No. 15193, Purple No. 17142, Post Office Blue & Med. Blue 15080.

"	A295B	21,106	Andrew Brown Company
"	A-15045	17,163	Carbit Paint Company
"	185	17,522	Con-Lux Paint Products, Inc.
"	814-L-208	17,157	Cook Paint & Varnish Company
"	C-5575	17,082	DeSoto Chemical Coatings, Inc.
"	1081-62729	17,697	E. I. duPont de Nemours & Co., Inc.
"	32-A-15045	18,363	Enmar, Inc.
"	RGL-30967	17,214	The Glidden Company
"	6-28-A	17,425	Hub Paint & Varnish Company, Inc.
"	EL-115314	21,054	Lilly Varnish Company
"	40M78	19,721	National Lead Company
"	Q218018	20,647	Rinshed-Mason Company
"	F91 L F8	17,046	Sherwin-Williams Company
"	J-1257	18,000	William Armstrong Smith Company
"	1036C1	21,089	Varcraft Paint Company
"	A220	17,741	Watson-Standard Company

CLASS A
 Medium Gray No. 16187 - Qualification extended to Warm Gray No. 13578, Spruce Green No. 14159, Dark Gray No. 16081, Light Gray No. 16251, and Light Gray No. 16376.

"	43-9396	19,811	Allied Paint Manufacturing Co., Inc.
"	11881	17,927	Atlas Paint & Varnish Company
"	FL-9844-B	19,362	Automotive Finishes, Inc.
"	711-GY-3519	23,888	Body Bros, Inc.
"	15595C	22,111	C. E. Bradley Laboratories, Inc.
"	A296B	21,097	Andrew Brown Company
"	A-16187	17,165	Carbit Paint Company
"	D1042	20,237	Camco Paints, Inc.
"	170	17,514	Con-Lux Paint Products, Inc.
"	814-A-759	17,156	Cook Paint & Varnish Company
"	C-5577	17,084	DeSoto Chemical Coatings, Inc.
"	9042-3	19,728	Eastern States Paint & Varnish Co.
"	32C-16187	18,958	Enmar, Inc.
"	BF-259	20,893	Everseal Manufacturing Co., Inc.

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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CLASS A (Cont'd)

Medium Gray No. 16187 - Qualification extended to Warm Gray No. 13578, Spruce Green No. 14159, Dark Gray No. 16081
Light Gray No. 16251, and Light Gray No. 16376.

"	S-52	23,285	Forest Paint Company
"	95-H-257	17,278	W. P. Fuller Paint Company
"	RGL-30969	17,213	The Glidden Company
"	6-3050	21,476	Guardsman Chemical Coatings, Inc.
"	2-28-0	17,295	Hub Paint & Varnish Company, Inc.
"	EL-118217	21,620	Lilly Varnish Company
"	MG-37A	18,034	Benjamin Moore & Company
"	44K33	19,715	National Lead Company
"	L8-1349A	18,110	Pervo Paint Company
"	S-4724	23,273	W. C. Richards Company
"	Q21A041	20,598	Rinsed-Mason Company
"	76061	18,461	Sanders Paints, Inc.
"	F91 A F10	17,045	Sherwin-Williams Company
"	J-1074	17,237	William Armstrong Smith Company
"	57T-874	21,779	Tenax Finishing Products Company
"	1022	23,527	Vacraft Paint Company

CLASS A

White No.

17875 - Qualification extended to Buff No. 10371, Cream No. 13594, Post Office Cream Striping No. 13618,
Ivory No. 13695, Dawn Gray No. 16492, and other tints.

"	43-9360	19,668	Allied Paint Manufacturing Co., Inc.
"	R-1504-D	19,619	Armstrong Paint & Varnish Works, Inc.
"	11866	17,500	Atlas Paint & Varnish Company
"	11877	17,501	Atlas Paint & Varnish Company
"	FL-1022	18,035	Automotive Finishes, Inc.
"	E-770	17,764	Baltimore Paint & Chemical Corp.
"	A97E	21,110	Andrew Brown Company
"	3E12-4	17,765	Bruning Paint Company, Inc.
"	MS-100	18,516	Buckeye Paint & Varnish Co.
"	1180	18,298	Burgess Fobes Paint Company
"	A-17875	17,164	Carbit Paint Company
"	165	17,519	Con-Lux Paint Products, Inc.
"	5200	17,466	Consolidated Chemical & Paint Mfg. Co., Inc.

OO FORM

1 Oct 59

1537-1

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(Continuation sheet for OO Form 1537-1 and 1537-4) (Replaces OO Form 1537-3, dated 1 Aug 52, which is obsolete)

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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CLASS A
White No. 17875 - Qualification extended to Buff No. 10371, Cream No. 13594, Post Office Cream Stripping No. 13618, Ivory No. 13695, Dawn Gray No. 16492, and other tints.

"	814-W-454 C-5576	17,154 17,083	Cook Paint & Varnish Company DeSoto Chemical Coatings, Inc.
"	432	20,652	Eastern Paint & Varnish Works, Inc.
"	2219-2	21,623	Eastern States Paint & Varnish Co.
"	32A-17875	18,359	Enmar, Inc.
"	BA-124	18,525	Eversal Manufacturing Co., Inc.
"	10655	20,358	Fibreboard Paper Products Corp.
"	S-50	23,287	Forest Paint Company
"	27870	22,581	Foy-Johnston, Inc.
"	95-W-168	17,277	W. P. Fuller Paint Company
"	RGL-34564	17,204	The Glidden Company
"	6-1060	21,477	Guardsman Chemical Coatings, Inc.
"	H-2560	21,898	The Hanna Paint Mfg. Company
"	3-28-R	17,423	Hub Paint & Varnish Company, Inc.
"	JP-6088	17,129	Jaegle Paint & Varnish Company
"	EL-111498	21,567	Lilly Varnish Company
"	S-3964-D	17,508	M. J. Merkin Company, Inc.
"	F16530	21,485	Mobil Chemical Company
"	WH-32	17,883	Benjamin Moore & Company
"	44K13	19,714	National Lead Company
"	LB-1338A	18,112	Pervo Paint Company
"	UC-38375	20,777	Pittsburgh Plate Glass Company
"	SH2261C	17,089	Preservative Paint Company
"	Q21W022	18,299	Rinsed-Mason Company
"	26030	18,127	Sanders Paints, Inc.
"	X-1028	17,015	Sentry Paint & Chemical Co., Inc.
"	F91 W F5.	17,042	Sherwin-Williams Company
"	J-1230	17,939	William Armstrong Smith Company
"	23-109	23,409	Speed-O-Laq Products Co., Inc.
"	57T-800	20,811	Tenax Finishing Products Company
"	1-1479	20,962	Tousey Varnish Company
"	1040	21,902	Valspar Corporation
"	1-2055	22,919	Hock Paint & Chemical Works, Inc.

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12 October 1966

Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
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CLASS A (Cont'd)

White 17875 - Qualification extended to Buff No. 10371, Cream No. 13594, Post Office Cream Striping No. 13618, Ivory No. 13695, Dawn Gray No. 16492 and other tints.

"	1001-C1	19,956	Vercraft Paint Company
"	A215	17,673	Watson-Standard Company
"	IAHK 8873	22,821	Wyandotte Paint Products Co.

CLASS A

Black No. 17038	43-9383	19,777	Allied Paint Manufacturing Co., Inc.
"	6604	20,109	Atlantic Varnish & Paint Co., Inc.
"	11885	17,144	Atlas Paint & Varnish Company
"	FL-411	18,051	Automotive Finishes, Inc.
"	A98B	21,094	Andrew Brown Company
"	E-757	17,494	Baltimore Paint & Chemical Corp.
"	3E18-5	17,982	Bruning Paint Company, Inc.
"	A-17038	17,167	Carbit Paint Company
"	160	17,520	Con-Lux Paint Products, Inc.
"	814-B-263	17,150	Cook Paint & Varnish Company
"	C5573	17,080	DeSoto Chemical Coatings, Inc.
"	1081-62727	17,699	E. I. duPont de Nemours & Co., Inc.
"	433	21,261	Eastern Paint & Varnish Works, Inc.
"	32C-17038	18,956	Enmar, Inc.
"	BJ-113	20,800	Eversal Manufacturing Co., Inc.
"	S-51	23,286	Forest Paint Company
"	95-B-45	17,279	W. P. Fuller Paint Co.
"	RGL-30963-A	17,333	The Glidden Company
"	6-0011	21,478	Guardsman Chemical Coatings, Inc.
"	4-22-D	14,046	Hub Paint & Varnish Co., Inc.
"	EL-116150A	21,862	Lilly Varnish Company
"	S-4006C	17,685	M. J. Merkin Company, Inc.
"	B-36A	18,033	Benjamin Moore & Company
"	44K46	19,716	National Lead Company
"	LB-1297A	18,111	Pervo Paint Company
"	UC-38371	20,453	Pittsburgh Plate Glass Company
"	Q21K006	21,546	Rinshed-Mason Company
"	F91 B F6	17,041	Sherwin-Williams Company

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OO FORM

1 Oct 59 1537-3 (Continuation sheet for OO Form 1537-1 and 1537-4) (Replaces OO Form 1537-3, dated 1 Aug 52, which is obsolete)

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Government Designation	Manufacturer's Designation	Test or Qualification Reference	Manufacturer's Name and Address
CLASS A (cont'd)			
Black No. 1703B	J-1091	17,238	William Armstrong Smith Company
"	57T-898	22,100	Tenax Finishing Products Co.
"	1023-C3-1	20,625	Vercraft Paint Company
"	A-249	18,335	Watson-Standard Company
"	4AHK 10444	23,008	Wyandotte Paint Products Co.
CLASS B			
Black No. 1703B	64-10837	23,864	Allied Paint Mfg. Co., Inc.
"	8575-2	23,521	Eastern States Paint & Varnish Co.
"	32E-1703B	23,920	Enmer, Inc.
"	B-1561	23,939	Niles Chemical Paint Company
"	SNF-844	23,603	Saginaw Paint Mfg. Co.
CLASS B			
Olive Drab X14087	64-10838	23,862	Allied Paint Mfg. Co., Inc.
"	8565-2	23,520	Eastern States Paint & Varnish Co.
"	32E-X14087	23,918	Enmer, Inc.
"	B-1546	23,774	Niles Chemical Paint Company
CLASS B			
White 17875	64-10935	24,287	Allied Paint Mfg. Co., Inc.
"	16753	23,770	C. E. Bradley Laboratories, Inc.
"	8585-8	23,917	Eastern States Paint & Varnish Co.
"	32E-17875	23,919	Enmer, Inc.
"	RGL-35869	23,617	The Glidden Company
"	B-1551	23,773	Niles Chemical Paint Company

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MULTIPLE ADDRESS LISTING
(Military and Federal Qualified Products Lists)

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Reference Number	Manufacturer's Name Address and Plant	Reference Number	Manufacturer's Name Address and Plant
	Allied Paint Manufacturing Company, Inc. 834 West Third Street Lansdale, Pennsylvania 19446 Plants: Lansdale, Pa. Cosden Chemical Coatings Corp. Beverly, N. J.		Buckeye Paint & Varnish Co. 715 South 15th Street Toledo 2, Ohio Plant: Same address
	Armstrong Paint & Varnish Works, Inc. 1318-1500 So. Kilbourn Avenue Chicago 23, Illinois Plants: Chicago, Illinois Stewart-Mowry Co. Chicago, Illinois		Burgess Fobes Paint Company 106 Commercial Street P.O. Box 106 Portland, Maine Plant: Same address
	Atlantic Varnish & Paint Co., Inc. 3000 North Boulevard Richmond, Virginia Plant: Same address		Canco Paints, Inc. 2862 E. Ponce de Leon Ave. Decatur, Georgia Plant: Same address
	Atlas Paint & Varnish Company 32-50 Buffington Ave. Irvington 11, New Jersey Plant: Same address		Carbit Paint Company 927 W. Blackhawk Street Chicago 22, Illinois Plant: Same address
	Automotive Finishes, Inc. P.O. Box 457, N.W. Station Detroit 4, Michigan Plants: Detroit, Michigan Dearborn, Michigan		Con-Lux Paint Products, Inc. Ethel and Talmadge Roads Edison, New Jersey 08817 Plant: Same address
	Baltimore Paint & Chemical Corp. 2325 Annapolis Avenue Baltimore 30, Maryland Plant: Same address		Consolidated Chemical & Paint Mfg. Co., Inc. 456 Driggs Avenue Brooklyn 11, New York Plant: Same address
	Body Brothers, Inc. 214 Northfield Road Bedford, Ohio Plant: Same address		Cook Paint & Varnish Company 1412 Knox Street Kansas City, Missouri 64114 Plants: No. Kansas City, Mo. Detroit, Michigan Houston, Texas
	C. E. Bradley Laboratories, Inc. Brattleboro, Vermont Plant: Same address		DeBoom Paint Company 1300 22nd Street San Francisco 7, California Plant: Same address
	Bradley Paint Company 4070 East Washington Blvd. Los Angeles 23, California Plant: Same address		DeSoto Chemical Coatings, Inc. 1350 South Kostner Avenue Chicago 23, Illinois Plants: Chicago, Illinois Eastern Division Pennsauken, N. J. Carolina Division Greensboro, N. C. Southwestern Division Garland, Texas Illinois Division Chicago, Illinois Pacific Division Berkeley, Calif
	Andrew Brown Company 5431 S. District Blvd. Los Angeles 22, California Plants: Los Angeles, Calif Irving, Texas Laurel, Md. Kent, Washington Marietta, Georgia		
	Bruning Paint Company, Inc. 4209 E. Chase Street Baltimore 5, Maryland Plant: Same address		

MULTIPLE ADDRESS LISTING
(Military and Federal Qualified Products Lists)

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Reference Number	Manufacturer's Name Address and Plant	Reference Number	Manufacturer's Name Address and Plant
	Devoe & Raynolds Company, Inc. 654 Madison Avenue New York 21, N. Y. Plants: Newark, N. J. Detroit, Michigan Louisville 1, Ky. Houston 21, Texas Riverside, Calif. Los Angeles, Calif. Jones-Dabney Company Louisville, Ky. The Bishop-Conklin Company Los Angeles, Calif.		Fibreboard Paper Products Corp. P.O. Box 4314 Oakland 23, California Plants: Oakland, Calif. Pabco Paint Division Emeryville, Calif.
	E. I. du Pont de Nemours & Co., Inc. Wilmington, Delaware 19898 Plants: Wilmington, Delaware Philadelphia, Pa. Fort Madison, Iowa Toledo 12, Ohio Chicago 14, Illinois So. San Francisco, Calif. Flint 2, Michigan		Forest Paint Company 7250 Franklin Street Forest Park, Illinois Plant: Same address
	Eastern Paint & Varnish Works, Inc. Cor. Fifth & Horton Avenues Hawthorne, New Jersey Plant: Same address		Forman, Ford & Company 111 South Second Street Minneapolis 1, Minnesota Plant: Same address
	Eastern States Paint & Varnish Co. Swanson & Niffelin Streets Philadelphia 48, Pa. Plant: Same address		Foy-Johnston, Inc. 1776 Mentor Avenue Cincinnati 12, Ohio Plant: Same address
	Enmar, Inc. 25th & New York (or P.O. Box 2153) Wichita, Kansas 67201 Plants: Wichita, Kansas Little Rock, Arkansas		W. P. Fuller Paint Co. 450 East Grand Avenue So. San Francisco, Calif. 94080 Plants: So. San Francisco, Calif. Los Angeles, Calif. Seattle, Washington
	Enterprise Paint Mfg. Co. 2841 South Ashland Avenue Chicago 8, Illinois Plant: Same address		The Glidden Company 900 Union Commerce Building Cleveland, Ohio 44114 Plants: Cleveland, Ohio Chicago, Illinois Reading, Pa. Minneapolis, Minn. St. Louis, Mo. New Orleans, La. Atlanta, Ga. San Francisco, Calif. Buena Park, Calif. Carrollton, Texas Portland, Oregon
	Everseal Manufacturing Co., Inc. 475 Broad Avenue Albany, New Jersey Plant: Same address		Guardsman Chemical Coatings, Inc. 1950 Steele, S. W. Grand Rapids, 2, Michigan Plants: Grand Rapids, Michigan Lambert Corporation Houston, Texas The Schaefer Varnish Company Louisville, Kentucky 40210
	The Farbol Company 801 Key Highway Baltimore 30, Maryland Plant: Same address		The Hanna Paint Mfg. Co. 1313 Windsor Avenue Columbus, Ohio 43216 Plants: Columbus, Ohio James B. Sipe & Co. Pittsburgh, Pa. Hanna Paint Co., Inc. Birmingham, Alabama
			Hock Paint & Chemical Works, Inc. Box 190 Phoenixville, Pa. 19460 Plant: Same address

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MULTIPLE ADDRESS LISTING
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Reference Number	Manufacturer's Name Address and Plant	Reference Number	Manufacturer's Name Address and Plant
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Hub Paint & Varnish Company, Inc.
47-38 Fifth Street
Long Island City, 1, New York
Plant: Same address

Jaegle Paint & Varnish Company
19th and Hayes Avenue
Camden, New Jersey 08105
Plant: Same address

Jones-Blair Paint Company, Inc.
6969 Denton Drive
Dallas 35, Texas
Plant: Same address

Lasting Products Company
200 Block South Franklinton Road
Baltimore 23, Maryland
Plant: Same address

Lilly Varnish Company
666 So. California Street
Indianapolis, Indiana 46207
Plants: Indianapolis, Indiana
Lilly Company
High Point, N. C.
Lilly Varnish Co. of Mass.
Gardner, Mass

Limbacher Paint & Color Works, Inc.
515 Homestead Avenue
Mt. Vernon, New York
Plant: Same address

M. J. Markin Company, Inc.
1441 Broadway
New York 18, New York
Plant: Same address

Minnesota Paints, Inc.
1101-3rd Street South
Minneapolis 15, Minn
Plants: Atlanta, Ga.
Minneapolis, Minn
Fort Wayne, Indiana
Dallas, Texas

Mobil Chemical Company
1024 South Avenue
Plainfield, N. J. 07062
Plants:
Automotive Finish Division
Farbert Schorndorfer
Cleveland, Ohio
Maintenance Finish Division
Socony Paint
Beaumont, Tex.
Los Angeles, Calif.
Metuchen, N. J.

Metal Finishes Division
American Marietta
Kankakee, Ill.
Louisville, Ky.
Arco, Cleveland, Ohio
Marietta Paint and Color
High Point, N. C.
Marietta, Ohio
Sewall Paint, Kansas City, Mo.
Packaging Coating Division
Stoner-Mudge
Azusa, Calif.
Pittsburgh, Pa.
Rochester, Pa.

Benjamin Moore & Company
511 Canal Street
New York 13, New York
Plants: Newark, N. J. 07105
Milford, Mass 01757
Jacksonville, Fla 32202
Melrose Park, Illinois 60160
Cleveland, Ohio 44105
Houston, Texas 77007
Denver, Colorado 80205
Los Angeles, Calif. 90022
St. Louis, Missouri 63104
Technical Coatings Corp.
Santa Clara, Calif. 95050
Thompson & Company
Gallons, Pa. 15139
Del-Worth Paint Mfg. Co.
Mesquite, Texas 75149

National Lead Company
2240 Twenty-Fourth Street
San Francisco 10, Calif.
Plants: San Francisco, Calif
Los Angeles, Calif.
Seattle, Washington
Perth Amboy, N. J.
Chicago, Illinois

Nelson Company
1232 Prospect Avenue
Iron Mountain, Michigan
Plant: Same address

Niles Chemical Paint Company
3rd & Fort Streets
Niles, Michigan
Plant: Same address

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MULTIPLE ADDRESS LISTING
(Military and Federal Qualified Products Lists)

Reference Number	Manufacturer's Name Address and Plant	Reference Number	Manufacturer's Name Address and Plant
	A. P. Nonweiler Company P.O. Box 1007 Oshkosh, Wisconsin Plant: Same address		Sherwin-Williams Company 101 Prospect Avenue, N. W. Cleveland 1, Ohio Plants: Cleveland 1, Ohio Chicago 28, Illinois Garland, Texas Los Angeles 23, Calif. Newark 1, New Jersey Oakland 8, Calif.
	Pervo Paint Company 6624 Stanford Avenue Los Angeles 1, Calif. Plant: Same address		Acme Quality Paints, Inc. Detroit 11, Michigan The Lowe Brothers, Inc. Dayton, Ohio
	Pittsburgh Plate Glass Company 235 E. Pittsburgh Avenue Milwaukee, Wisconsin 53201 Plants: Milwaukee, Wisconsin Newark, N. J. Springdale, Pa. Houston, Texas Torrance, Calif. Portland, Oregon East Point, Georgia H. B. Suydam Division Pittsburgh, Pa. Ditzler Color Division Detroit, Michigan Forbes Finishes Division Cleveland, Ohio Thresher Paint & Varnish Company Dayton, Ohio		John Lucas Company Gibbsboro, New Jersey Martin-Senour Company Chicago 8, Illinois Rogers Paint Products Detroit 11, Michigan
	Preservative Paint Company 5410 Airport Way Seattle, Washington 98108 Plant: Same address		William Armstrong Smith Company 1561 Forrest Avenue P.O. Box 430 East Point, Georgia 30044 Plants: East Point, Georgia Reliance Chemical Co. of Kentucky Richmond, California Reliance Chemical Co. of Kansas Pauline, Kansas
	W. C. Richards Company 3555 West 123rd Street Blue Island, Illinois 60406 Plant: Same address		Speed-O-Lag Products Co., Inc. 970 Raymond Avenue St. Paul, Minnesota 55114 Plant: Same address
	Rinshed-Mason Company 5935 Milford Avenue Detroit, Michigan 48210 Plants: Detroit, Michigan Anaheim, California		Strathmore Products, Inc. 1970 W. Fayette Street Syracuse, New York Plant: Same address
	Saginaw Paint Mfg. Company 344 W. Genesee Saginaw, Michigan 48605 Plant: Same address		Tenax Finishing Products Company 390 Adams Street Newark, New Jersey 07114 Plant: Same address
	Sanders Paints, Inc. 3708 Lawrenceville Highway Tucker, Georgia Plant: Same address		Tousey Varnish Company 135 West Lake Street Northlake, Illinois 60164 Plants: Chicago 16, Illinois East Moline, Illinois
	Sentry Paint & Chemical Company, Inc. Mill & Lawrence Streets Darby, Pa. Plant: Same address		Valspar Corporation 200 Sayre Street Rockford, Illinois Plants: Rockford, Illinois Detroit Graphite Co. Lyons, Illinois Patek Paint & Glass Co., Inc. Milwaukee, Wisconsin Rockcote Paint Company Rockford, Illinois Orlando, Florida

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MULTIPLE ADDRESS LISTING
(Military and Federal Qualified Products Lists)

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Reference Number	Manufacturer's Name Address and Plant	Reference Number	Manufacturer's Name Address and Plant
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Varcraft Paint Company
Keim & Cross Streets
Pottstown, Pennsylvania
Plant: Same address

Warren Paint & Color Company
700 Wedgewood Avenue
Nashville, Tennessee
Plant: Same address

Watson-Standard Company
225 Galveston Avenue
Pittsburgh, Pennsylvania 15230
Plant: Same address

Wyandotte Paint Products Co.
1430 Sycamore Street
Wyandotte, Michigan
Plants: Wyandotte, Michigan
Detroit, Michigan

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NOTICE.—This list may be made available to contractors, prospective bidders or suppliers who are required to procure items listed herein to fulfill the requirements of a contract. Requests for this list shall include the number of the contract or invitation for bid for which it is required.

GPL-OO-S-001116-1
5 April 1967

PSC 5130

QUALIFIED PRODUCTS LIST OF PRODUCTS QUALIFIED UNDER FEDERAL SPECIFICATION

OO-S-001116

SANDERS, DISK, ELECTRIC, PORTABLE, DOUBLE INSULATED
(SHOCKPROOF), RADIO INTERFERENCE SUPPRESSED

This list has been prepared for use by or for the Government in the procurement of products covered by the subject specification. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. Revision or amendment of this list will be issued as necessary. The listing of a product does not release the manufacturer from compliance with the specification requirements. Reproduction of this list, in whole or in part, except by the Government, or use of the information shown thereon for advertising purposes is expressly forbidden.

The activity responsible for this Qualified Products List is the Bureau of Ships.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME AND ADDRESS
Size 7	875E-5	NAVSHIPYD, PHILA Rpt. No. TT-129	The Black & Decker Mfg. Co. 701 East Joppa Road Towson, Maryland 21204 Plant: Hampstead, Maryland
Size 9	875E-4	NAVSHIPYD, PHILA Rpt. No. TT-129	The Black & Decker Mfg. Co. 701 East Joppa Road Towson, Maryland 21204 Plant: Hampstead, Maryland

EXHIBIT 3

The General Services Administration (GSA), Federal Supply Service, prepares many short pamphlets for intra-Government use which may be of potential value to consumers. This information is not made available to consumers unless a specific request is made for a particular pamphlet.

One good example is the "Cleaning, Waxing, and Maintenance of Soft Floors." This short pamphlet reproduced here in its entirety contains much information of use to the private consumer.

CLEANING, WAXING, AND MAINTENANCE OF SOFT FLOORS

GENERAL SERVICES ADMINISTRATION, FEDERAL SUPPLY SERVICE,
WASHINGTON, D.C.

FOREWORD

The quality of water-emulsion floor wax furnished the Government under specification began to deteriorate rapidly shortly after the conclusion of World War II. A great deal had been learned about synthetic, waxy materials during the war, and wax manufacturers were able to substitute inferior materials and still meet the requirements of the specification which at that time were based primarily on laboratory analysis of physical constants. The material received at that time was very unsatisfactory. The waxes were often slippery, soiled easily, and exhibited very poor wearing qualities.

As a result of the poor product being delivered, the Standardization Division of GSA developed a new specification for water emulsion floor wax (P-W-155). This specification has laboratory requirements to determine total solids, acidity, sediment, stability, water spotting, odor, and other physical properties. In addition to the laboratory requirements, the wax must also be equal or better than a standard wax in performance on the floor.

The standard wax was developed by studying the performance of approximately 75 commercial waxes over a period of 2 years, and it represents an optimum balance of desirable wax characteristics such as nonslip, minimum dirt retention, gloss, buffability, removability, and general appearance.

CLEANING, WAXING, AND MAINTENANCE OF SOFT FLOORS

This pamphlet is concerned with the use of water-emulsion floor wax in the maintenance of floors. This wax can be used satisfactorily on floors of asphalt tile, linoleum, vinyl, and rubber tile, but it should not be used on wood, terrazzo, or marble floors.

The primary purpose in waxing floors is to improve appearance and reduce wear and tear on the floors. In addition, a good tough coat of wax improves resistance to soil, makes cleaning easier, and when properly maintained, improves the slip resistance.

Types of Floors

A. Asphalt tile is composed of asphalt, asbestos, and filler. Strong soaps or lye solutions should not be used in cleaning asphalt tile, as they form an emulsion with the asphalt and cause it to "bleed." In cleaning, an excess of water should be avoided, as it will seep down between the tiles and cause them to loosen from the floor beneath. Subsequent washings will continue this process until the floor is no longer usable. The familiar yellow pastes or solvent liquid waxes should never be used for asphalt tile, as they contain solvents which dissolve the surface and irreparably ruin the floor. Water emulsion floor wax is the recommended maintenance material for this type of surface.

B. Linoleum is composed of linseed oil, ground cork, and filler pressed upon a sheet of burlap or felt. Strong soaps or alkaline materials will react with the linseed oil of the linoleum and form an emulsion. This is washed away in mop-

ping, and the floor will have a rough or grainy appearance and soon lose its value as a floor covering. An excess of water should be avoided, as it will creep in between the layers of linoleum, especially along the edges, causing it to crack and break off. Water-emulsion floor wax properly applied and maintained is the maintenance material to be used for this type of floor, although paste or liquid wax can also be used.

C. Vinyl tile may be of the following types:

1. Vinyl asbestos tile is composed of vinyl resins, asbestos, plasticizers, and fillers. This is a full thickness tile.
2. Vinyl tile is composed of vinyl resins, plasticizers, pigments, and fillers, and is a full thickness material.

3. Vinyl backed tile has the same composition as vinyl tile but is thinner and is laminated to a backing material.

All vinyl tiles are tough, chemically inert, insoluble, colorless, odorless, and thermoplastic. As in asphalt and linoleum tiles, excess of water should be avoided, as it will penetrate between the tiles or seams, loosen the adhesive, and eventually warp the flooring. Abrasives should not be used, as vinyl is relatively soft and can be permanently scratched by this treatment.

Water-emulsion wax, liquid or paste solvent wax, and resin or plastic coatings may be used as maintenance materials for vinyl floors.

D. Rubber tile is made from rubber, pigments, and filler. It is unaffected by water, although an excess will cause the tiles to loosen from the floor. Strong soaps, solvents, paste, or liquid waxes will damage the floor in the same manner as the asphalt tile. Water-emulsion floor wax is the recommended maintenance material.

E. Wood floors should not come in contact with water in any form, particularly if they are not tightly sealed. Water causes the wood to warp, and the grain to swell and splinter, so that a rough, uneven floor results. Water will, likewise, seep between the boards rusting the nails, and this may cause the boards to become loose. Iron salts found in the water from contact with pipes or cans will react with the tannin found in the hard wood such as oak and form iron tannate which is the principal ingredient of many black inks. This causes the wood to turn dark. Solvent paste and liquid waxes should be used exclusively for wood floors.

F. Terrazzo or marble floors may be waxed, but this practice is not recommended, as it tends to make the floor slippery.

G. Cork flooring is made from bark of the cork oak tree. The cork is ground and heat cured under pressure. Natural and synthetic resins are the binding materials. The surface is given a finish of wax or resin. Cork floors are very soft and are permanently damaged by heavy loading. Furniture rests should be used under desks and similar furniture to avoid indentation and fracture of the tile. Abrasives of any kind should be avoided. Mild or neutral cleaners only may be used, as high alkaline materials will cause embrittlement, whitening and general deterioration. Liquid or paste solvent wax is recommended.

Proper floor maintenance depends on many factors including the standard of appearance desired, traffic conditions, and the type of flooring itself. There are three distinct phases of good floor care. These are (1) stripping, or surface preparation prior to waxing, (2) application of the wax or polish, and (3) regular maintenance.

Stripping

Stripping is the removal of dirt and all previous wax applications from the floor. If wax is applied over dirt, that dirt will remain under the new film of wax as long as it remains on the floor. Old wax must likewise be removed to avoid wax buildup. This condition can most readily be seen in corners and near baseboards and is marked by a noticeable discoloration of the floor covering.

The removal of the old wax film is most easily accomplished by the use of a good wax remover and machine scrubbing. Prior to applying the wax remover, the entire area to be stripped should be dust mopped or vacuum cleaned to remove as much dirt as possible. Gum and similar materials should be loosened and removed with a putty knife.

The GSA waxes are so built as to provide easy removability. The regular concentration wax removers are stocked in all GSA warehouses and comply with the requirements of Federal Specification P-R-201. The remover is available in regular and high concentration. When diluted in accordance with the instructions, both concentrations result in identical products.

The cleaning solution should be applied to the floor in sufficient quantity so that it will not begin to dry for at least 15-20 minutes. It is left on the floor for about 10 minutes to enable the cleaner to chemically react with the old wax film.

A too liberal application or a too long soaking period is not desired, as the excess of water may result in loosening or warping of the tiles.

The soaked area should be scrubbed with an electric machine equipped with a suitable scrubbing brush or a No. 2 or No. 3 steel wool pad. The steel wool pad should be slightly smaller than the brush to prevent splashing. Immediately after scrubbing and while the floor is still wet, the mixture of cleaner, dissolved wax, and dirt should be picked up with a vacuum pickup or a wrung-out mop.

It is extremely important that the cleaning solution be completely removed from the floor. Rinse water is applied to the floor before it begins to dry and again picked up with a mop or vacuum. It may be necessary to repeat the rinsing operation several times to insure complete removal of the cleaning solution.

When there has been an excessive amount of wax and dirt on the floor, it may be necessary to repeat the cleaning application, scrubbing, and mopping in order that all wax and dirt be removed from the floor. A clean floor should have a dull appearance, but retain the natural depth of color and general appearance of the original floor. It should show no sign of whitening or haze as this indicates the presence of reemulsified wax, incomplete removal, or insufficient rinsing.

Application

The number of coats of wax applied will vary with the type and condition of flooring, amount of traffic, and the appearance desired. Normally, two or more thin coats are better than one heavy coat. The first coat acts as a seal, and the subsequent coat or coats bring out the highly desirable wax finish. Buffing after each application is recommended.

The best method for applying water emulsion floor wax on large areas is with a clean 16 to 20 ounce cotton strand mop. The mop is saturated with wax and then wrung out, not thoroughly dry but only to the point where the bottom strands no longer drip. The mop should not be agitated in the wax, as this causes foaming which in turn causes bubble marks and streaking. The use of a mechanical wringer is not recommended for the same reason.

A thin coat of wax is applied as evenly as possible by mopping with straight side to side strokes, leaving no visible dry or excessively wet areas. The floor will appear milky or bluish where too much wax has been applied. Bubbles and drips should be wiped away. Bubbles will eventually dry and form craters, and drips will form bumps.

If more wax is needed, the whole mop should not be placed in the bucket but at the side, leaving the lower part of the strands outside and only the head of the mop in the wax. When the mop is removed, the wax will run evenly down the strands without dripping if the proper quantity has been applied to the head. After a few trials, an operator will become skillful in getting just the right amount of wax onto the mop head and should have no difficulty with this part of the job.

On smaller areas, or where there are obstacles such as office furniture, a lambswool block-type applicator may be used. The wax is placed in a shallow pan wider than the length of the applicator. The applicator should be dipped into the wax and the surplus removed by sliding the lambswool over the edge of the pan on each side. The wax is then applied with long, even, back and forth strokes of the applicator.

If a lambswool applicator is not available or is not preferred for the smaller floors, a short strand dry mop can be used. A shallow pan is used, the same as for the lambswool applicator, and care should be taken to insure that the mop is clean and water dampened prior to waxing. The short strand mop is used in the same manner as the lambswool applicator except that the mop has an advantage in that it can be stroked from side to side in addition to being pushed and pulled.

After the first coat has completely dried, it should be mechanically buffed with a brush. The surface is then ready for the next coat which * * * clear, and changed as frequently as necessary. Black heel marks that are not taken out by damp mopping may be removed by lightly "kicking-out" with a pad of steel wool under the shoe. If any areas show traffic wear after damp mopping, a coat of wax may be applied to those places.

The third step in maintenance is buffing by machine after the floor is dry. The entire area should be buffed to bring out the original gloss and luster.

In place of damp mopping, dry cleaning may be used for soil removal. A No. 0 or No. 1 steel wool disc is used with a floor machine which should be moved quickly over the floor. Dust removal is necessary after dry cleaning to remove the loosened soil and wax, but buffing may sometimes be eliminated because of the burnishing action of the steel wool. A recent development along these lines, which is giving good results, is the use of a nylon pad in place of the steel wool disc.

There are several variations possible in the damp mopping procedure that have merit under certain conditions. A detergent can be added to the cold water to help remove dirt during mopping. Another common practice is to add a little wax to the water. This very thin film probably increases the gloss after buffing, but it should be used sparingly to avoid excessive wax buildup.

When it becomes evident that the damp mopping and light scrubbing no longer remove the soil, the floor must again be stripped, waxed, and buffed in order to restore it to the original safe, good appearing, long wearing surface. If proper attention is paid to sweeping, damp mopping and buffing, and surface cleaning, the stripping and waxing cycle need be accomplished less frequently with substantial saving in time and materials.

EXHIBIT 4

One example of the many specifications prepared by the military for Government use only and containing valuable consumer information relates to resilient floor coverings. Information thought to be of most value to consumers has been italicized.

DEPARTMENT OF THE NAVY BUREAU OF YARDS AND DOCKS

Type Specification TS-F17, February 28, 1964, Superseding TS-RF1

Type specifications shall not be referenced but are to be used as manuscripts in preparing project specifications. Appropriate changes and additions as may be necessary and as required by the notes must be made. Numbers in parentheses—e.g., "(2)"—in right-hand margin refer to corresponding notes at end of specification.

Resilient Floor Coverings

1. *Scope.*—This section includes resilient floor coverings, complete. (N)
2. *Applicable documents.* (N)—The following specifications and standards of the issues listed in this paragraph (including the amendments, addenda, and errata designated), but referred to hereinafter by basic designation only, form a part of this specification to the extent required by the references thereto. (See paragraph entitled "Specifications and Standards" in sec. 1 for additional information.) (8)

2.1. *Federal specifications.*—(N)

L-F-450-----	Flooring, vinyl plastic.
L-T-345-----	Tile, floor, vinyl-asbestos.
O-P-106-----	Paste, linoleum.
P-W-155-----	Wax, floor, water-emulsion, slip resistant.
SS-A-128-----	Adhesive, asphalt, cutback type (for asphalt tile).
SS-A-138-----	Adhesive; asphalt, water emulsion type (for asphalt tile).
SS-A-701-----	Asphalt primer (for) roofing and waterproofing.
SS-T-306-----	Tile, floor, asphalt.
SS-T-301-----	Tile, floor, rubber.
LLL-L-351-----	Linoleum, battleship.
LLL-L-367-----	Linoleum, plain, jaspe and marbled.

3. *Requirements.*—

- 3.1. *General.*—The provision of all _____ asphalt tile, _____ vinyl-asbestos tile, _____ homogeneous vinyl tile, _____ homogeneous vinyl roll, _____ rubber tile, _____ linoleum, _____ cove base _____, and all materials indicated, specified, or necessary for a complete and finished installation is included. Floor covering work shall not be started until the work of other trades, including painting, _____ but excluding movable partition work _____ is substantially completed. Spaces in which floor covering work is to be performed shall be maintained at not less than 70° F. at the floor level for at least 48 hours prior to starting the work, during the time work is performed, and for at least 48 hours after the work is completed. Adequate ventilation shall be provided to remove moisture and fumes from the area. Two current copies of the floor covering manufacturer's recommended standard installation procedure for each type of floor covering material shall be submitted for approval before the work is started.

3.2. *Materials* shall be delivered to the job in the manufacturers' original unopened containers, with the brands and names clearly marked thereon. (R) All materials shall be carefully handled and shall be stored in their original containers at not less than 70° F. for at least 24 hours before work is started. Containers shall not be opened until approved. Floor coverings shall be provided in colors as selected from manufacturer's standard colors. Borders, feature strips, and other accessories indicated or necessary shall be the standard products of the manufacturer of the floor covering, as approved. The color and pattern of tile shall be uniformly distributed throughout the thickness of the tile.

3.2.1. *Asphalt tile*, $\frac{1}{8}$ -inch thick, 9 by 9 inches —, — percent C group —, — percent D group — cork and terrazzo styles, — conforming to specifications SS-H-306, shall be provided —. Borders shall be of B group tile.

3.2.2. *Vinyl asbestos tile*, $\frac{1}{8}$ -inch thick, 9 by 9 inches, conforming to specification L-T-345, shall be provided —.

3.2.3. *Homogeneous vinyl plastic tile*, $\frac{1}{8}$ -inch thick, 9 by 9 inches, in — marbled — plain and terrazzo — effects, and conforming to specification L-F-450, type II, shall be provided —.

3.2.4. *Homogeneous vinyl plastic roll*, $\frac{1}{8}$ -inch thick, not less than 45 inches wide, — marbled — plain and terrazzo — effects, conforming to specification L-F-450, type II, shall be provided —.

3.2.5. *Battleship linoleum*, $\frac{1}{8}$ -inch thick, not less than 72-inches wide, and conforming to specification LLL-L-351 shall be provided —.

3.2.6. *Linoleum*, $\frac{1}{8}$ -inch thick, not less than 72-inches wide, and conforming to specification LL-L-367, — class A (plain) — class B (jaspe) — class C (marbled) —, shall be provided —. (R)

3.2.7. *Rubber tile*, $\frac{1}{8}$ -inch thick, — 6 by 6 — 9 by 9 — inches, conforming to specifications ZZ-T-301, shall be provided —.

3.2.8. *Rubber cove base*, top set type — 4 — 6 — inches high, $\frac{1}{8}$ -inch thick, — black — plain colors — marbled colors, — conforming to the applicable portions of specification ZZ-T-301, shall be provided —. Base shall be the standard product of the manufacturer of the floor covering, and shall be sufficiently flexible to conform to irregularities in walls, partitions, and floors. Molded corners shall be provided for all right-angle external and internal corners.

3.2.9. *Vinyl cove base*, top set type, — 4 — 6 — inches, high $\frac{1}{8}$ -inch thick, in — black — color, — conforming to the applicable portions of specification L-F-450, shall be provided —. Base shall be the standard product of the manufacturer of the floor covering, and shall be sufficiently flexible to conform to irregularities in walls, partitions, and floors. Molded corners shall be provided for all right-angle external and internal corners —.

3.2.10. *Felt lining* shall be saturated or semisaturated asphalt rag felt weighing not less than 1 pound per square yard, as recommended by the floor covering manufacturer.

3.2.11. *Linoleum paste* shall conform to specification O-P-106.

3.2.12. *Primer, cut back type*, shall conform to specification SS-A-701.

3.2.13. *Asphalt adhesive, cut back type*, shall conform to specification SS-A-128.

3.2.14. *Asphalt adhesive, emulsion type*, shall conform to specification SS-A-138.

3.2.15. *Water-emulsion wax* shall conform to specification P-W-155.

3.2.16. *Metal edging strips* shall be of aluminum or other light-colored non-ferrous metal, as approved.

3.3. Preparation of subfloors.

3.3.1. Subfloors that are to receive floor coverings shall be clean, thoroughly dry, smooth, firm, and sound; and they shall be free from springiness, oil, dirt, curing compounds, or other deleterious material. Subfloors shall be swept, vacuumed, and damp mopped when necessary to remove dust and soil; and shall be scrubbed with a strong-detergent solution, thoroughly rinsed, and spot primed, when necessary to remove oil or grease stains.

3.3.2. *Concrete subfloors*. (9)—All ridges shall be ground smooth, and all small holes and all cracks less than $\frac{1}{16}$ inch shall be filled with an approved plastic material. Large holes or depressions shall be filled with a mastic-type underlayment, trowled on to a smooth surface. All cracks $\frac{1}{16}$ -inch or wider shall be cut out and filled with a nonshrinking cement mortar. Chalky or dusty surfaces shall be primed with an approved primer, recommended by the floor covering manufacturer.

3.3.3. *Wood subfloors*. (10)—Knot holes, cracks wider than one-eighth inch, and holes larger than one-quarter inch in diameter shall be filled with an approved wood filler. All ridges or other uneven surfaces shall be planed, scraped, or sanded smooth. Nail heads shall be flush or set slightly.

3.3.4. Felt lining shall be provided over wood subfloors. Felt shall be carefully cut around vertical surfaces, and seams in felt shall be butted, with staggered cross seams. Linoleum paste shall be spread with a fine notched trowel at

the rate of 125 to 150 square feet per gallon. The felt shall be rolled into the paste with a three-section roller, weighing not less than 100 pounds, in order to remove air bubbles and secure complete adhesion.

3.3.5. *Moisture test for new suspended concrete subfloors, or new subfloors on grade which have been membrane waterproofed.* (N) (11)—A relative humidity meter placed on a concrete surface under a polyethylene sheet, sealed at the edges with tape or adhesive, shall be used to evaluate the moisture condition of suspended concrete. The test shall be run for 24 hours. A reading of 80 percent RH or lower will indicate satisfactory dryness. The test shall be repeated at weekly intervals until the RH is 80 percent or lower.

3.3.6. *Moisture test for subfloors on or below grade, to which asphalt or vinyl-asbestos tile is to be applied.*—After subfloors have been properly cleaned, small patches of primer shall be spread in several locations in each room and allowed to dry or "set" overnight. If the "set" primer can be peeled easily from the subfloor, the floor is not sufficiently dry. The test shall be repeated at weekly intervals until the primer adheres properly. When the primer adheres tightly to the subfloor, the tile shall be applied.

3.4. Application.—

3.4.1. *Application of floor coverings.*—Floor coverings and accessories shall be applied in accordance with the approved installation procedure. Work shall be performed by workmen thoroughly experienced in the application of such coverings. Adhesives shall be the type specified or the type recommended by manufacturer of the floor coverings for the specific application, subject to approval. Adhesives shall be applied in accordance with the adhesive manufacturers' printed directions, unless specified or directed otherwise. Floor covering shall be applied in the patterns indicated or selected, starting in the center of the room or area, and working from the center toward the edges or borders. Tile lines and joints shall be kept square, symmetrical, tight, and even; and each floor shall be in a true, level plane, except where indicated as sloped. Border width shall vary as necessary to maintain full-size tiles in the field, but no border tile shall be less than one-half the field tile size. Floor covering shall be cut to, and fitted around, all permanent fixtures, built-in furniture and cabinets, pipes, and outlets. Borders shall be cut, fitted and scribed to walls and partitions after field covering has been applied. A small section of the floor covering under each leg of floor type radiators shall be cut out, and a corrosion-resistant metal washer or shim, of the same thickness as the floor covering, shall be inserted in the cut. (12) Metal edging shall be provided where floor covering terminates at points higher than the contiguous finished flooring, except at doorways where thresholds are provided. The strips shall be anchored to concrete floors with countersunk screws into metal or fiber expansion sleeves.

3.4.2. *Application of asphalt tile and vinyl-asbestos tile.*—Concrete subfloors on or below grade shall be primed with a cutback-type primer worked into the surface of the concrete, using the minimum quantity that will cover the surface completely with a nonabsorptive base. Primer shall be allowed to become thoroughly dry before adhesive is applied. Cutback adhesive shall be applied to primed concrete subfloors, and cutback or emulsion-type adhesive shall be applied to suspended concrete subfloors and felt-covered wood subfloors. Tile shall be carefully laid in the selected pattern, and fitted so that each tile is in contact with the adjoining tiles, and all joints are tight and in alignment.

3.4.3. *Application of vinyl plastic rubber tile.*—Vinyl plastic rubber tile shall be laid in adhesive applied to concrete subfloors or felt-covered wood subfloors. Tile shall be carefully laid in the selected pattern, and fitted so that each tile is in contact with the adjoining tiles and all joints are tight and in alignment. Immediately after tile has been laid, floor shall be thoroughly rolled with a three-section roller weighing not less than 100 pounds, and high points shall be sandbagged until all danger of loosening has passed.

3.4.4. *Application of linoleum, vinyl plastic roll flooring.*—Linoleum vinyl plastic roll flooring shall be laid in adhesive over suspended concrete subfloors or felt-covered wood subfloors. Roll flooring shall be fitted to the room by approved methods, including hand cutting, straight scribing, or pattern scribing, as necessary to suit job conditions. After flooring is properly fitted, one-half of a sheet at a time shall be rolled back and adhesive spread on the subfloor. Flooring shall be embedded in the spread adhesive, and rolled with a three-section roller weighing not less than 100 pounds, starting in the middle of the sheet and rolling outward to expel any trapped air, and to thoroughly embed the flooring in the adhesive. Seams shall be cut by overlapping or underscribing, as recommended by the manufacturer. (13) Seams and edges in — shall be

embedded in a waterproof adhesive, spread approximately 4 inches from seams and edges. Seams shall be rolled thoroughly and weighted with handbags, where necessary, to insure complete adhesion.

3.4.5. *Application of rubber or vinyl cove base* (14).—Rubber or vinyl cove base shall be applied after flooring has been completed, and the wall surface, to which the base is to be applied, is thoroughly dry. All cracks and voids in the wall shall be filled with an approved crack filler. Special base adhesive, as recommended by the floor-covering manufacturer, shall be applied to the back of the base with a notched trowel, leaving approximately ¼-inch bare space along the top edge of base. The base shall immediately be pressed firmly against the wall and moved gently into place, making sure that the toe is in contact with the floor and the wall. The entire surface of the base shall be rolled with a hand roller, and then the toe of the base shall be pressed firmly against the wall with a straight piece of wood. Corners shall be formed with factory preformed corners, by mitering base, or by forming sections of base on the job.

3.5. *Cleaning*.—Immediately upon completion of the installation in a room or an area, floors and adjacent surfaces shall be dry cleaned with an approved cleaner to remove surplus adhesive. No soon than 5 days after installation, floors shall be washed with an approved nonalkaline cleaning solution, rinsed thoroughly with clear cold water, and waxed with two coats of water-emulsion wax, buffed to an even luster with an electric polishing machine after each coat.

NOTES ON THE USE OF THIS SPECIFICATION

1. Paragraphs marked (N) are new and were not included in TS-RF1. Paragraphs marked (R) are revisions of paragraphs included in TS-RF1. Suggestions for improvement of type specifications will be welcomed and should be forwarded to the Bureau of Yards and Docks, code 41.230.

2. Greaseproof asphalt tile, conductive solid vinyl tile, fire-retardant vinyl asbestos tile, nonslip tile (asphalt or vinyl asbestos), cork tile, and linoleum tile are not included in this specification. Appropriate paragraphs must be included in the project specification when these are required.

3. For slabs in contact with the earth, but not waterproofed; for suspended slabs at or below grade, but not waterproofed (vapor barrier beneath slab is not considered waterproofing), specify only:

a. Asphalt tile.

b. Vinyl-asbestos tile.

4. For slabs in contact with the earth and waterproofed with a membrane in accordance with 7Y; for suspended slabs at or below grade and waterproofed with a membrane in accordance with 7Y, specify only:

a. Asphalt tile.

b. Vinyl-asbestos tile.

c. Rubber tile.

d. Vinyl tile.

5. For suspended floors above grade with ventilated areas below slab, specify only:

a. Asphalt tile.

b. Vinyl-asbestos tile.

c. Rubber tile.

d. Vinyl tile or roll.

e. Linoleum.

6. For floors containing radiant heating, specify only:

a. Asphalt tile.

b. Vinyl-asbestos tile.

c. Rubber tile (with special adhesives).

d. Vinyl tile (with special adhesives).

Do not specify rubber tile or vinyl tile unless the conditions stated in paragraph 4 or 5 are also complied with.

7. The surfaces of lightweight concrete slabs tend to be too weak to support the bond of the adhesives for resilient flooring; therefore the lightweight concrete floors less than 90 pounds per cubic foot density specify a 1-inch topping of standard concrete in the "Concrete Construction" section of the project specification, and specify only:

a. Asphalt tile.

b. Vinyl-asbestos tile.

c. Rubber tile.

d. Vinyl tile.

8. Paragraph 2. *Applicable documents.*—The current edition designation of all documents shall be inserted in this paragraph. The current issue of NavDocks "Index of Specifications Used in Contracts for Public Works," "Department of Defense Index of Specifications and Standards," and industry document indexes should be consulted. When an interim or uncoordinated Federal or military specification is referenced, the proper designation therefor should be included; for example, SS-S-00200 (GSA-FSS), MIL-C-18480 (DOCKS). The current amendment, addenda, or errata number for yards and docks, Federal, and military specifications shall be inserted immediately following the specification or current edition designation; for example, MIL-B-7883A(1). It is not necessary to include addresses where documents may be obtained; however, it may be desirable to do so for documents which are not well known.

9. Paragraph 3.3.2. *Concrete subfloors.*—Specify in the "Concrete Construction" section of the specification, vapor barriers and gravel fill under subfloor on grade; dusted on finish on subfloors; prohibition of the use of curing compounds, hardeners, sealers, or any other substance which would interfere with the bonding of the adhesive.

10. Paragraph 3.3.3. *Wood subfloors.*—Specify underlayment over wood subfloors in the "Carpentry" and "Woodwork" section of the specification; specify both underlayment and felt over wood subfloors.

11. Paragraph 3.3.5. *Moisture test, et cetera.*—A meter suitable for this test is the relative humidity indicator which may be obtained from Abbeon Supply Co., 179-45K Jamaica Avenue, Jamaica, N.Y.

12. Paragraph 3.4.1. *Application of floor coverings.*—Indicate edging and thresholds on project drawings; specify thresholds in "Hardware" section of the project specification.

13. Paragraph 3.4.4. *Application of linoleum or vinyl plastic roll flooring.*—Specify locations where waterproof seams are desired; specify waterproof seams only in areas subject to abnormal surface moisture.

14. Paragraph 3.4.5. *Application of rubber or vinyl core base.*—When cove base is to be applied to plaster walls, specify in the "Plastering" section of the specification that the final coat of plaster shall extend to, and be finished square with the floor.

3.6. *Protection.*—Cleaned flooring shall be covered with clean building paper before traffic is permitted. Board or plywood walkways shall be placed on floors used as passageways by workmen, and where directed.

4. *Quality assurance provisions.*—

4.1. *Samples.*—Duplicate sets of the manufacturer's standard color chips, not less than 3 by 3 inches, showing typical color, finish, and surface pattern of each type of floor covering, shall be submitted for color selection prior to the submission of samples. The following samples of floor covering materials in the colors selected shall be submitted for approval before the work is started:

- a. Field tiles, three of each type.
- b. Borders, three 9-inch lengths of each type.
- c. Sheet coverings, two 12- by 12-inch pieces of each type.





