[METRIC] A-A-2962A August 10, 1998 SUPERSEDING A-A-2962 December 22, 1995

COMMERCIAL ITEM DESCRIPTION Enamel, Alkyd, Exterior, Solvent based, Low VOC

The General Services Administration has authorized the use of this commercial item description as a replacement for Federal SpecificationTT-E-489, TT-E-527 and TT-E-529 for all federal agencies.

1.0 SCOPE. This description covers three gloss levels of lead and chromate free alkyd enamel for industrial maintenance coating on a wide range of metallic and non-metallic surfaces. Apply to surfaces that have been previously primed. Two coats are recommended for durable outdoor and indoor service. The paint shall meet current AIR POLLUTION REGULATIONS, of the Southern California Air Quality Management District, Rule 1113, Industrial Maintenance Coatings

2.0 CLASSIFICATION. There are three types and two classes.

Type I

Lusterless

Class A 340 gms/L VOC

Type II

Semigloss

Class B 420 gms/L VOC

Type III

Gloss

3.0. SALIENT CHARACTERISTICS.

	Re	equirements		
Characteristics	Type I Lusterless	Type II Semigloss	Type III Gloss	Test Methods
Volatile Organic Content	<u> </u>			EPA Test Method 24
Class A Class B Salt spray resistance 3.4	340 g/L 420 g/L Less than 5 mm creep	340 g/L 420 g/L Less than 3 mm creep	340 g/L 420 g/L Less than 3 mm creep	ASTM B-117
Accelerated weathering Loss of gloss Color change Chalking	N/A <6 units* slight (max)	>65% orig'l <6 units* slight (max)	>65% orig'l <6 units* slight (max)	See Notes 3 & 5
Water resistance Adhesion loss Surface wrinkling Softening *lightness index	None None None	None None None	None None	ASTM D 3359 See Notes 3 & 6

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: General Services Administration, Engineering and Commodity Management Division (10FTE), 400 15TH St. SW, Auburn, WA 98001.

FSC 8010

3.0 SALIENT CHARACTERISTICS (Continued)

3.0 SALIENT CHARA		quirements		
Characteristics	Lusterless	Semigloss	Gloss	Test Methods
Total solids (wt. basis) Total solids (vol. Basis) Vehicle type " solids (N.V. wt. basis) Gloss @ 60° (specular)	55% min. 38% min. alkyd 27% min. <4	55% min. 38% min. alkyd 40% min. 15-25	55% min. 38% min. alkyd 40% min. >70 min. 20°	ASTM D 1644 ASTM D 2697 ASTM D ASTM D 2372 ASTM D 523
Contrast ratio (max.) @ 0.001" dry film thk.	#37925 0.92 #33538 0.88 #32246 0.90 #13136 0.90 # others 0.98	#27925 0.92 #23538 0.88 #21136 0.90 #others 0.98	#17925 0.94 #12197 0.92 #12199 0.88 #13538 0.92 #13655 0.88 #11105 0.92 #11136 0.92 #11140 0.92 others 0.98	ASTM D 2805
Viscosity (maximum)	199 secs no cracking	199 secs no cracking	199 secs no cracking	ASTM D 1200** ASTM D 522
Flexibility Adhesion Recoating	3B rating +	3B rating +	3B rating+	ASTM D 3359
Loss of hardness	none	none	none	ASTM D 1474
Loss of adhesion	none	3B+ rating	3B+ rating	ASTM D 3359
Wrinkling	none	none	none	Visual
Drying time, to-touch	2 hrs 8 hrs	2 hrs 8 hrs	2 hrs 8 hrs	ASTM D 1640
Dry-through	48 hrs	48 hrs	48 hrs	
Dry-hard Water content (wt. basis of liquid enamel)	0.50% max	0.50% max	0.50% max	ASTM D 3792

^{**} No. 4 Ford cup

3.1 Qualitative Requirements.

Color. This Commercial Item Description is not limited in color. If not otherwise specified in the purchase order or contract, the colors shall be a close visual match to Federal Standard 595B when applied to a black and white hiding chart until complete hiding is obtained, and tested in accordance with ASTM 1729. Black colors may be darker or "jetter" than specified.

Condition in container. The enamel shall be free from grit, seeds, skins, abnormal thickening, or "livering" in a freshly opened full can, and pigment settling shall be readily dispersible by either hand-stirring or a paint can shaker machine

<u>Application properties</u>. The enamel shall dry to a smooth and uniform film, free of defects of any kind, when applied in accordance with the manufacturer's recommendations.

Odor. The odor of the wet enamel and the dry film, and any interval of drying, - shall not be obnoxious to a panel of three, third-party testers.

Shelf life. Products supplied under this specification shall have 18 months (minimum) useful application life, at prolonged shelf temperatures from 4°C-31°C (40°- 90° F), after delivery to the purchasing organization or user activity.

<u>Prohibited material</u>. The manufacturer shall certify that the offered product does not contain benzene, chlorinated solvents, hydrolyzable chlorine derivatives, any EPA Class I or II ozone depleting compound, ethylene based glycol ethers or their acetates, mercury, lead, chromate nor any carcinogen, as defined in 29 CFR 1910.1200.

- 4.0 REGULATORY REQUIREMENTS.
- 4.1 340 g/L maximum VOC, meets Rule 1113, Architectural Coatings, "Industrial Maintenance Coatings". of the South Coast Air Quality Management District (Los Angeles basin).
- 4.2 420 g/L maximum VOC, meets Rule 1113, Architectural Coatings, "Multi Color Coatings" of the South Coast Air Quality Management District (Los Angeles basin).
- 4.3 EPA Method 24 is described in 40 CFR (Code of Federal Regulations), Part 60, July 1, 1995, or later method/amendment, if superseded.
- 5.0 QUALITY ASSURANCE PROVISIONS.
- 5.1 Responsibility for inspection. Unless otherwise specified in the contract or order, the Contractor is responsible for the performance of all inspection requirements marked by an asterisk in the Section 3.0 table. The Government reserves the right to perform any of the requirement inspections listed under 3.0 SALIENT CHARACTERISTICS, to assure that the enamel conforms to prescribed requirements.

- 5.2 Classification of inspections. Inspections shall be classified as follows:
- 5.2.1 Quality conformance inspection. All requirements listed under Section 3.0, or typical results may be offered for commercial products, based on earlier test results, provided they represent the same formulation and raw material sources. In case of dispute, questionable test results or questionable product quality, the Government reserves the right to require the manufacturer to demonstrate compliance to any Section 3.0 requirement, by a third party test laboratory or witness testing in the manufacturer's laboratory.
- 5.2.2 Inspection prior to delivery. Requirements are marked by an asterisk (*) in the table(s)
- 6.0 PACKAGING, LABELING and MATERIAL SAFETY DATA SHEETS (MSDS).
- 6.1 Packaging. Shall comply with the minimum applicable requirements in accordance with ASTM D 3951. Unless otherwise specified in the contract or purchase order, the material shall be supplied in the following size containers: 3.78 liter (1.0 gallon); 0.945 liter (1.0 quart) and 18.9 liter (5.0 gallons). Gallon and quart containers shall have resealable compression type lids. The top and bottom rims shall be compound-lined. Box packing shall be in accordance with normal commercial practice and shall be adequate to protect the product packaging in normal handling and shipping.
- 6.2 Labeling. Shall conform to ANSI Z129.1

Marking of containers. Each container shall be legibly marked with:

Manufacturer's name and address Volatile organic content (VOC) g/L & lbs./gal Product number Generic type of coating Color Lot or batch number Date of manufacture (not if in lot or batch no.)

Quantity of coating in container(s)

Instructions for use

Hazard warnings required by federal and state laws

Shelf life between temperature range

Recoat guidance

Mixing ratios and procedures, if required

6.3 <u>Product Technical Data</u>. Shall be provided on a separate sheet containing, but not limited to the following information:

Application procedures
Theoretical volume solids
Theoretical weight solids
Material Safety Data Sheet (MSDS) (separate sheet)
Storage information
Surface preparation
Safety information

7.0 NOTES.

- Note 1. Southern California Air Quality Management District Rule 1124; excluding water and exempt solvents.
- Mote 2. ASTM D 2369 may alternately be used to measure the VOC limit.
- Note 3. Test panels. Obtain or prepare the required number of flat (3) 76 mm x 127 mm x 0.8 mm test coupons from any flat, cold-rolled, carbon steel sheet or plate. Abrade an entire face surface with 200-grit emery paper until the panel is uniform in appearance. Degrease the surface with clean facquer thinner. Repeat as necessary to a uniform surface appearance. Use new Emory paper on each coupon. Prevent flash rusting by placing the prepared coupons in a oven set at 65° C (150°F), until use. Cool the coupons to room temperature before application of enamel in the following test procedures.
- Note 4. Accelerated weathering. Prepare three steel test coupons as described in Note 3 above. Draw down a 5-cm (2.0 inch) wide film of enamel, using a 0.0030 inch gap clearance film applicator, onto two flat aturninum panels and air dry for 7 days, between 21-23°C and between 50-60% relative humidity. Measure the 60° specular gloss and 45° and 0° luminous directional reflectance of the coating. Subject the test panels to 168 hours of Xenon Arc weatherometer exposure, without water, in accordance with ASTM G 26. The test fails if more than one panel fails.
- Note 5. Water Resistance. Prepare three steel test coupons as described in Note 3 above. Apply sufficient test enamel to an unprimed steel test panel to result in a uniform 1.0 +/-0.2 mil dry film. Any method of film application may be used provided a smooth and uniform results. Permit the film to cure by air drying for 7 days between 21-23°C and between 50-60% relative humidity. Seal the edges of the paint film with melted paraffin wax. Submerge the test coupons horizontally under 2.54 cm (1.0 inch) of 23°C tap water for 24 hours, remove and sponge dry. Repeat this procedure for seven (7) cycles with no more than 15 minutes before re-immersion. The enamel fails if more than one specimen shows even slight visual indication of "whitening-clouding", softening, lifting, blistering, change in color, loss of adhesion or hardness: Hardness shall be test 24 hours after last immersion and shall be greater than 90% of a control panel's hardness when tested in accordance with ASTM D1474, Method A.

Note 6. Hydrocarbon Resistance. Prepare three steel test coupons as described in Note 3 above. Apply sufficient test enamel to an unprimed steel test panel to result in a uniform 1.0 +/- 0.2 mil dry film. Any method of application may be used provided the film is smooth and uniform after air drying for 7 days between 21-23°C and 50-60% relative humidity. Do not seal the edges of the enamel film. Immerse the panel for 4 hours in a mbxture of 70% (wt. basis) ACS reagent grades, 2,2,4-trimethyl pentane (isooctane) and 30% toluene. The test is failed if more than one test panel shows even slight visual indication of wrinkling, loss of adhesion or loss of hardness. Hardness shall be a minimum of 90% of control panel hardness when tested in accordance with ASTM D1474, Method A.

Note 7. Recoat. Using a 0.0030 inch gap film applicator, draw down a 2-inch wide film of test enamel on three clear glass panels. Permit the films to air-dry for 24 hours (dry-through) between 21-23 °C and 50-60% relative humidity. Draw a 3-inch wide film of test enamel across the width of the first enamel film, using the same 0.0030 inch gap film applicator. After 24 hours at the same drying conditions, examine the enamel surfaces from the front and backside of the glass panels for compliance with the requirement. The enamel falls, if more than one panel falls the requirements measured against a control panel for adhesion (ASTM D 3359), hardness (ASTM D 1474), and visual surface wrinkling.

Document Sources.

Commercial Item Descriptions may be obtained from the Federal Supply Service Bureau (3FBP-W), Suite 8100, 470 East L'Enfant Plaza SW, Washington DC 20407.

ASTM standards are available from the Amercian Society for Testing and Materials, 100 Barr Harbor Drive, West Conshocken, PA 19428-2959. Use the most current ASTM test method to determine compliance.

Preparing Activity: GSA-FSS

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Previously Qualified Products for Lusterless enamel:

The following products were previously qualified under the canceled Qualified Products List QPL-TT-E-527-28, dated February 7, 1996, and may meet the requirements of Commercial Item Description A-A-2962, which replaces Federal Specification TT-E-527 that was also canceled.

This list of previously qualified products is intended for guidance to procure lusterless enamel, and is not mandatory for procurement of commercial cnamel.

Government Designation	Manufacturer's Designation	Qualification Reference	Manufacturer's Name and address	
Olive Drab, 3408	30117, 30118, 31	tended to colors: 30 090, 33070, 33105, 092, 34102, and 34	097, 30099, 30109, 30111, 34052, 34082, 34083, 127.	
	771-411	Q1285	Pratt and Lambert	
	M5844	Q1354	Seagrave - Titanine	
	O.D.34088	931149	Crawford Laboratories	
Insignia Blue, 35	044 Qualification is ex	dended to color #35	109.	
	F-06P193	Q1087	Seagrave - Seaguard	
Black, 37038	Qualification is e	xtended to color #37	030.	_
	E-8952	Q1431	Randolph Products	
	F-06P191	Q1088	Seagrave - Seaguard	
White, 37925	Qualification is e	xtended to color # 3	7875 and other light tints.	
	771-722	Q1324	Pratt - Lambert	
	E-6517	Q1177	Randolph Product	
	F-06P190	Q1092	Seagrave-Seaguard	
	HS527 C37925	Q1240	Spraylat	

MANUFACTURER'S ADDRESS LISTING

Pratt and Lambert	Seagrave Coatings
P.O. Box 2153	Titanine Division
Wichita, KS 67201	320 Patterson Plank Road
(316) 733-1361	Carlstadt, N.J. 07072
(0.0), 100 100 1	(201) 933-1000
Randolph Products	Spraylat-Everseal
701 12th Street	1701 East 122nd Street
Carlstadt, NJ 07072	Chicago, IL 60633
(201) 438-3700	(312) 646-5900

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Previously Qualified Products for Lusterless enamel:

MANUFACTURER'S ADDRESS LISTING

Seagrave Coatings 4030 Seaguard Avenue Portsmouth, VA 23701 (804)397-2223

Crawford Laboratories, Inc. 4165 S. Ernerald Ave. Chicago, IL 60609 (312) 376-7132 Appendix B A-A-2962A

Previously Qualified Products for Semigloss enamel:

The following products were previously qualified under the canceled Qualified Products List QPL-TT-E-529-37, dated November 27, 1995, and may meet the requirements of Commercial Item Description A-A-2962, which replaces Federal Specification TT-E-529 that was also canceled.

This list of previously qualified products is intended for guidance to procure fusterless enamel, and is not mandatory for procurement of commercial enamel.

Government Designation	Manufacturer's Designation	Qualification Reference	Manufacturer's Name and address
	extends to color #27875 & (other light tints (Table VII	of TT-E-529)
***************************************	775-723	Q1260	Pratt & Lambert
	E-6234	Q1116	Randolph Products
	92-793	938049	Con-tux Coatings
	HS529C27925	Q1239	Spraylat-Everseal
Olive Drab, 2408	4 Extends to colors 2006 777-409	1, 24052, 24064, 24097 a 93J150	and 20117 Pratt & Lambert
	E-7948	Q1116	Randolph Products
Yellow, 23538	E-8559	Q1391	Randolph Products
Black, 27038	E-6235	Q1115	Randolph Products
Red, 21136	E-9091	Q1447	Randolph Products
Blue, 25042	E-9090	Q1448	Randolph Products

MANUFACTURER'S ADDRESS LISTING

226 Talmadge Road Wichita, KS 67201 Car	dolph Products Spraylat-Everseal 1701 E. 122 nd Street 15tadt, NJ 07072 Chicago, IL 60633 (312)646-5900	
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Previously Qualified Products for gloss enamel:

The following products were previously qualified under the canceled Qualified Products List TT-E-489-47, dated January 5, 1998, and may meet the requirements of Commercial Item Description A-A-2962, which replaces Federal Specification TT-E-489 that was also canceled.

This list of previously qualified products is intended for source guidance only, and is not mandatory for procurement.

GOVERNMENT DESIGNATION MANUFACTURER	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICA' REFERENC	
Yellow, 13538 - Qualific	ation extended to 13523, 1357	8, 13594 and 136	55
	91-802F	Q1315	Con-Lux Coatings
	N-5223	Q1505	Niles Paint
	N-5200	Q1569	Niles Paint
	774-310	95J158	Pratt and Lambert
	E-9953	96J111	Randolph Products
Black, 17038 -Qualificat	tion extended to 16081, 16187	and 16251	
•	93-235	93DO82	Con-Lux Coatings
	B48917038	Q1497	Davlin Paint
	N-5217	Q1474	Niles Paint
	N-5079	Q1566	Niles Paint
	774-705	Q1484	Pratt and Lambert
	774-700	95J15 6	Pratt and Lambert
	E-9957	97B014	Randolph Products
	HS-489/17038	Q1442	Spraylat - Everseal
	972761	97K126	Parker Paint Co.
Olive Drab, 14084 -Qua	alification extended to 10049, 1	0076, 10075, 100	80, 10091, 14050,
·•	93-219	93DO83	Con-Lux Coating
	9791GBF	93J151	Hentzen Coatings
	774-413	Q1303	Pratt and Lambert
	E-9954	96J110	Randolph Products
	972760	97K125	Parker Paint Co.
Red, 11136 -Qualification	on extended to 11105		
-	91-803A	Q1514	Con-Lux Coatings
	92-5866	93A011	: Con-Lux Coatings
	A-9005-00136	Q1271	: Kop-Coat

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Previously Qualified Products for gloss enamel:

DESIGNATION MANUFACTURER	MANUFACTURER'S DESIGNATION	QUALIFICA REFERENC	
Red. 11136 -Qualifica	ation extended to 11102 cont	d	
	N 5219	Q1472	Niles Paint
	N 5077	Q 1564	Niles Paint
	E9963	97D047	Randolph Products
	972756	97K129	Parker Paint Co.
Green, 14110 -Qualifica	ation extended to 14158, 14159,	14187, 14223, 1	4260 14277 and 1432
	93-234	93DO84	Con-Lux Coatings
	774-422	Q1305	Pratt and Lambert
	972484	97k127	Parker Paint Co.
Orange, 12197 -Qualific	cation extended to 12199, 1224	3, 12199 and 122	46.
3 -	92-695	92L203	Con-Lux Coatings
	N-5158	Q1568	Niles Paint
	774-203	Q1322	Pratt and Lambert
	E-9965	97K130	Rendolph Products
Blue, 15045 -Qualificati	on extended to 15042, 15044, 1	5045, 15050, 150	056, 15092, 15102,
	5181, 15182, 15200, 17100 and	1 17142	
	5181, 15182, 15200, 17100 and 91-814	1 17142 92L202	Con-Lux Coatings
	5181, 15182, 15200, 17100 and	1 17142 92L202 Q1184	Con-Lux Coatings Kop-Coat
	5181, 15182, 15200, 17100 and 91-814	I 17142 92L202 Q1184 Q1567	Con-Lux Coatings Kop-Coat Niles Paint
	5181, 15182, 15200, 17100 and 91-814 A-9005-15045	1 17142 92L202 Q1184	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert
	5181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157	I 17142 92L202 Q1184 Q1567	Con-Lux Coatings Kop-Coat Niles Paint
	5181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157 774-506	1 17142 92L202 Q1184 Q1567 Q1208	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert
15123, 15177, 15180, 1	91-814 A-9005-15045 N-6157 774-506 E9964 972759 atton extended to 10324, 10371, 18492, 17043, 17178, 17875, 17	17142 92L202 Q1184 Q1567 Q1208 97H088 97K128 13613, 13695, 14	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert Randolph Products Parker Paint Co. 1449, 14872, 16307, nd other light colors.
15123, 15177, 15180, 1	15181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157 774-506 E9964 972759 ation extended to 10324, 10371, 18492, 17043, 17178, 17875, 17	17142 92L202 Q1184 Q1567 Q1208 97H088 97K128 13613, 13695, 14877 and 17886 a Q1458	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert Randolph Products Parker Paint Co. 1449, 14672, 16307, nd other light colors. Con-Lux Coatings
15123, 15177, 15180, 1	15181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157 774-506 E9964 972759 ation extended to 10324, 10371, 18492, 17043, 17178, 17875, 17 91-29 92-5866	17142 92L202 Q1184 Q1567 Q1208 97H088 97K128 13613, 13695, 14 877 and 17886 a Q1458 93A011	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert Randolph Products Parker Paint Co. 1449, 14672, 16307, Ind other light colors. Con-Lux Coatings Con-Lux Coatings
15123, 15177, 15180, 1	15181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157 774-506 E9964 972759 ation extended to 10324, 10371, 18492, 17043, 17178, 17875, 17	17142 92L202 Q1184 Q1567 Q1208 97H088 97K128 13613, 13695, 14 877 and 17886 a Q1458 93A011 Q1459	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert Randolph Products Parker Paint Co. 1449, 14672, 16307, Ind other light colors. Con-Lux Coatings Con-Lux Coatings Davlin Paint
15123, 15177, 15180, 1	15181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157 774-506 E9964 972759 ation extended to 10324, 10371, 18492, 17043, 17178, 17875, 17 91-29 92-5866 B489 B48917925	17142 92L202 Q1184 Q1567 Q1208 97H088 97K128 13613, 13695, 14 877 and 17886 at Q1458 93A011 Q1459 Q1496	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert Randolph Products Parker Paint Co. 1449, 14672, 16307, Ind other light colors. Con-Lux Coatings Con-Lux Coatings Davlin Paint Davlin Paint
15123, 15177, 15180, 1	15181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157 774-506 E9964 972759 ation extended to 10324, 10371, 18492, 17043, 17178, 17875, 1791-29 92-5866 B489	17142 92L202 Q1184 Q1567 Q1208 97H088 97K128 13613, 13695, 14 877 and 17886 at Q1458 93A011 Q1459 Q1496 Q1159	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert Randolph Products Parker Paint Co. 1449, 14672, 16307, Ind other light colors. Con-Lux Coatings Con-Lux Coatings Davlin Paint Davlin Paint Kop-Coat
15123, 15177, 15180, 1	15181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157 774-506 E9964 972759 ation extended to 10324, 10371, 18492, 17043, 17178, 17875, 17 91-29 92-5866 B489 B48917925	17142 92L202 Q1184 Q1567 Q1208 97H088 97K128 13613, 13695, 14 877 and 17886 at Q1458 93A011 Q1459 Q1496	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert Randolph Products Parker Paint Co. 1449, 14672, 16307, Ind other light colors. Con-Lux Coatings Con-Lux Coatings Davlin Paint Davlin Paint
15123, 15177, 15180, 1	15181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157 774-506 E9964 972759 ation extended to 10324, 10371, 18492, 17043, 17178, 17875, 1791-29 92-5866 B489 B48917925 A-9005	17142 92L202 Q1184 Q1567 Q1208 97H088 97K128 13613, 13695, 14 877 and 17886 at Q1458 93A011 Q1459 Q1496 Q1159	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert Randolph Products Parker Paint Co. 1449, 14672, 16307, Ind other light colors. Con-Lux Coatings Con-Lux Coatings Davlin Paint Davlin Paint Kop-Coat Hentzen Coatings Nile Paint
15123, 15177, 15180, 1	15181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157 774-506 E9964 972759 ation extended to 10324, 10371, 18492, 17043, 17178, 17875, 1791-29 92-5866 B489 B48917925 A-9005 9891WBF	17142 92L202 Q1184 Q1567 Q1208 97H088 97K128 13613, 13695, 14 877 and 17886 a Q1458 93A011 Q1459 Q1496 Q1159 93D080	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert Randolph Products Parker Paint Co. 1449, 14672, 16307, Ind other light colors. Con-Lux Coatings Con-Lux Coatings Davlin Paint Davlin Paint Kop-Coat Hentzen Coatings Nile Paint PPG Industries
15123, 15177, 15180, 1	15181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157 774-506 E9964 972759 ation extended to 10324, 10371, 18492, 17043, 17178, 17875, 1791-29 92-5866 B489 B48917925 A-9005 9891WBF N-6050	17142 92L202 Q1184 Q1567 Q1208 97H088 97K128 13613, 13695, 14 877 and 17886 at Q1458 93A011 Q1459 Q1496 Q1159 93D080 Q1565	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert Randolph Products Parker Paint Co. 1449, 14672, 16307, Ind other light colors. Con-Lux Coatings Con-Lux Coatings Davlin Paint Davlin Paint Kop-Coat Hentzen Coatings Nile Paint
15123, 15177, 15180, 1	15181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157 774-506 E9964 972759 ation extended to 10324, 10371, 18492, 17043, 17178, 17875, 1791-29 92-5866 B489 B48917925 A-9005 9891WBF N-6050 UC85064	17142 92L202 Q1184 Q1567 Q1208 97H088 97K128 13613, 13695, 14 877 and 17886 at Q1458 93A011 Q1459 Q1496 Q1159 93D080 Q1565 Q1466	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert Randolph Products Parker Paint Co. 1449, 14672, 16307, Ind other light colors. Con-Lux Coatings Con-Lux Coatings Davlin Paint Davlin Paint Kop-Coat Hentzen Coatings Nile Paint PPG Industries
15123, 15177, 15180, 1	15181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157 774-506 E9964 972759 ation extended to 10324, 10371, 18492, 17043, 17178, 17875, 1791-29 92-5866 B489 B48917925 A-8005 9891WBF N-6050 UC85064 774-725 774-730	17142 92L202 Q1184 Q1567 Q1208 97H088 97K128 13613, 13695, 14 877 and 17886 a Q1458 93A011 Q1459 Q1496 Q1159 93D080 Q1565 Q1466 Q1467	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert Randolph Products Parker Paint Co. 1449, 14672, 16307, Ind other light colors. Con-Lux Coatings Con-Lux Coatings Davlin Paint Davlin Paint Kop-Coat Hentzen Coatings Nile Paint PPG Industries Pratt and Lambert Pratt and Lambert
15123, 15177, 15180, 1	15181, 15182, 15200, 17100 and 91-814 A-9005-15045 N-6157 774-506 E9964 972759 ation extended to 10324, 10371, 18492, 17043, 17178, 17875, 1791-29 92-5866 B489 B48917925 A-9005 9891WBF N-6050 UC85064 774-725	17142 92L202 Q1184 Q1567 Q1208 97H088 97K128 13613, 13695, 14 877 and 17886 a Q1458 93A011 Q1459 Q1496 Q1159 93D080 Q1565 Q1466 Q1467 95J157	Con-Lux Coatings Kop-Coat Niles Paint Pratt and Lambert Randolph Products Parker Paint Co. 1449, 14672, 16307, Ind other light colors. Con-Lux Coatings Con-Lux Coatings Davlin Paint Davlin Paint Kop-Coat Hentzen Coatings Nile Paint PPG Industries Pratt and Lambert

Appendix C A-A-2962A

Previously Qualified Products for gloss enamel:

MULTIPLE ADDRESS LISTINGS

Con-Lux Coatings 226 Talmadge Rd. Edison, NJ 08818-0847 (908) 287-4000

Hentzen Coating, Inc. 6937 West Mill Road Milwaukee, WI 53218-1225 (414) 353-4200

PPG Architectural Finishes One PPG Place Pittsburgh, PA 15272 (412) 434-3131

Sherwin-Williams Co. 2802 West Miller Road Garland, TX 75041 (214)271-2541 Davlin Paint 700 Allston Way Berkeley, CA 94710 (425) 848-2863

Kop-Coat, Inc. PO Box 911207 Commerce, CA 90091 (213) 560-5700

Pratt and Lambert PO Box 2153 Wichita, KS 67201 (316) 733-1361

Spraylat -Everseal 1701 E. 122nd Street Chicago, IL 60633 (312) 646-5900 DeVoe & Raynolds Co. 4000 Dupont Circle Louisville, KY 40207 (800) 654-2616

Niles Chemical Paint 225 Fort Street Niles, MI 49120 (800) 253-7389

Randolph Products Co. P.O. Box 830 Carlstadt, N.J. 07072 (201) 438-3700

Parker Paint Mfg. Co. 3003 So. Tacoma Way Tacoma, WA 98411 (253) 473-1122