

LEAD INDUSTRIES ASSOCIATION

66 EAST 42ND STREET

NEW YORK 17, N. Y.

January 29, 1959

SUBJECT: INQUIRIES FOR RED
LEAD LITERATURE

To Red Lead Manufacturers of the Pigments
and Chemicals Divisions

Attached is a list of the requests that have recently been received by us for literature on red lead. This list does not include inquiries emanating from cities outside of the United States, Canada and Mexico.

Sincerely yours,



David M. Borcia

Secretary, Red Lead Technical Committee



January 29, 1979

REQUESTS FOR RED LEAD LITERATURE

Name and Address	Red Lead Technical Letters	Federal Specification TT-P-86a	Paint Galvanized Surfaces
<u>ALABAMA</u>			
Ingers Paint Mfg. Co. Rubber Base Masonry Paints 5735 Bessemer Super Highway Fairfield, Ala. Melvin L. Ingers	13	-	-
<u>ARIZONA</u>			
Southwestern Paint & Varnish Co. 3950 East Speedway Tucson, Ariz. R.E. DeWeth, Purchasing Agent	13	-	-
<u>CALIFORNIA</u>			
North American Aviation 6606 San Homero Buena Park, Calif. R. Ofstun, Design Engineer	13	-	-
Hughes Research Laboratories Florence and Dale St. Costa Mesa, Calif. B. Sengier, Sec. Head	13	-	-
Litton Industries 10916 West Washington B Calver City, Calif. A. Goulding, Design Engineer	13	-	-
Unboldt Paint Co. 517 West Hawthorne St. Burbank, Calif. Fred Stolz	13	-	-
Kaiser Steel Corp. Fontana, Calif. E. Lawrence, Electrical Eng.	13	-	-
Pittsburgh Coke & Chemical Co. 223 East Broadway Glendale 5, Calif. W.F. Saunders Regional Sales Manager	13	-	-
University of California Box #06, Laboratory B 155 Livermore, Calif. P. Frasier, Engineer	13	-	-

REQUESTS FOR RED LEAD LITERATURE

Name and Address	Red Lead Technical Letters	Federal Specification TT-P-86a	Paint Galvanized Surfaces?
<u>CALIFORNIA (CONTINUED)</u>			
Morehouse-Cowles, Inc. 1150 San Fernando Road Los Angeles 65, Calif. D.L.Crabbs, General Manager	13	-	-
R. M. Parsons Co. 617 West 7th St. Los Angeles, Calif. C. Holley, Electrical Designer	13	-	-
K. W. Allen and Associates P.O.Box 423 Palmdale, Calif. K.W.Allen, Owner	13	-	-
Aerojet General Box 1947, Dept. 8160 Sacramento, Calif. W.R.Sherwin, Development Eng.	13	-	-
Eleventh Naval District District Public Works Office San Diego 32, Calif. E.W.Matkins, Director Design Division	13	-	-
L. Bagwell, Electrical Engineer 427 Stockton Street (704) San Francisco 8, Calif.	13	-	-
Rogers Engineering Co. Inc. 16 Beale St. San Francisco 5, Calif. William E. Daniels Chief Electrical Engineer	13	-	-
Stone, Mulloy, Maricini & Patterson Architects 536 Mission St. San Francisco, Calif.	13	-	-
Robert F. Clothier, Associate Professor San Jose State College Engineering Dept. San Jose 14, Calif.	13	-	-
Raytheon Manufacturing Co. P.O.Box 636 Santa Barbara, Calif. O. Church, Engineer	13	-	-

**PROPOSED TEST PROJECT ON 1-COAT
MACHINERY PAINTS**

SUMMARY OF CORRESPONDENCE

(Letters sent to all those listed)

STATE HIGHWAY DEPARTMENTS

State	Reply Received	Specification or Formulation Used	Color Chip	Paint Sample	Will Cooperate in Test Program
Alabama					
Arizona	X	Buy commercially formulated paints.			
Arkansas					
California	X	Corresponds to Federal Specification TT-E-489b, Class A. Medium Chrome Orange. Insist that oil portion of all alkyls TT-E-266 be linseed oil. Trying iso-phthalic alkyl derivative but have not arrived at a conclusion.			Panel exposure at Sacramento.
Colorado	X	Federal Specification TT-E-489b, Class A - Orange Equipment Enamel.	X		
Connecticut	X	State Highway Commissioner referred request to A.L. Donnelly, Director of Research and Development, State Highway Department. No reply from him.			
Delaware	X	Not required to meet any set specification. Would appreciate help from us in setting up such specifications.			
Florida	X	Yellow and black enamels now being used. All water-resisting enamels with the exception of black shall contain not less than 40% pigment by weight, the black not less than 3%.	X	X	
Georgia					
Idaho					
Illinois					
Indiana					
Iowa					
Kansas					

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**PROPOSED TEST PROJECT ON 1-COAT
MACHINERY FINISHES**

SUMMARY OF CORRESPONDENCE

(Letters sent to all those listed)

STATE HIGHWAY DEPARTMENTS (CONTINUED)				Will Cooperate in Test Program		
State	Reply	Received	Specification or Formulations Used	Solar Chip	Paint Sample	
Kentucky	X		Gray Motor Enamel. No specific pigment content required.			
Louisiana						
Maine						
Maryland	X		Federal Specification TT-E-489a - Colorwise to Federal Specification TT-C-595, No. 1310 Yellow, No. 1625 gray, or No. 1775, black		if desired	
Massachusetts						
Michigan	X		<u>No. 18 Orange Synthetic Equipment Paint.</u> Pigment: C.P. Lead Chromate 100% Vehicle: Resins (Alkyd Type) 45-48% Vol. Thinner 52-55% Pigment: 1A-20% Vehicle: 80-82% Wt. per gal. Not less than 9 lb. <u>No. 18A Red Synthetic Equipment Paint</u> Pigment: Toluidine Red 69-73% C.P. Medium Chrome Orange 25-29% Lithol Toner 1-3% Vehicle: Same as No. 18 Pigment: 11-13% Vehicle: 87-89% Wt. per gal. Not less than 8 lb.	X		
Minnesota						
Mississippi						
Missouri	X		Orange Equipment Enamel Pigment: C.P. Chrome Yellow and Orange 80% Zinc Oxide 8-10% Mg. Silicate max. 12% Vehicle: TT-A-266, Type III Pigment 31-34% Vehicle 66-69% Water Maximum 0.5%	X	X	Will send when next batch is purchased

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PROPOSED TEST PROJECT ON 1-COAT
MACHINE PAINT FINISHES

SUMMARY OF CORRESPONDENCE

(Letters sent to all those listed)

STATE HIGHWAY DEPARTMENTS (CONTINUED)

State	Reply Received	Specification or Formulations Used	Color Paint Chip Sample	Will Cooperate in Test Program
Montana				
Nebraska				
Nevada				
New Hampshire	X	Federal Specification TT-E-489, Class A, Airdrying. Colors: Standard Omaha Orange, Dulux No. 93-082	Will send on request	
New Jersey	X	Federal Specification TT-E-489b, Class A. Colors: Black, dark green and yellow as listed in Federal Spec- ification TT-C-595.		
New Mexico				
New York	X	Federal Specification TT-E-489b.		
North Carolina				
North Dakota				
Ohio	X	Will cooperate - Required second letter.		
Oklahoma	X	No standard specification.	X	
Oregon				
Pennsylvania				
Rhode Island				
South Carolina				
South Dakota	X	Bureau of Roads Standard Yellow pur- chased from Vogel Paint & Wax Co., Orange City, Iowa. Yellow enamel specification included in their Stan- dard Specification volume is as follows: Pigment: Lead Chromate 100% Vehicle: Alkyd Varnish 90% Thinner and Drier Maximum 10% Pigment 32 min. Vehicle 68 max. Wt. per gal. 9.7 lb.		Will co- operate if we have some panels in the Spring.

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 PROPOSED TEST PROJECT ON 1-COAT
 MACHINERY FINISHES

SUMMARY OF CORRESPONDENCE

(Letters sent to all those listed)

STATE HIGHWAY DEPARTMENTS (CONTINUED)

State	Reply Received	Specification or Formulation Used	Chip	Will Cooperate	
				Color Paint in Test	Sample Program
Tennessee					
Tenns	X	XP-66 Yellow Equipment Enamel. <u>Pounds</u> Chrome Yellow, DuPont Y-469 250 Molybdate Orange, DuPont YE 4370 10 Iron Oxide, Napies KLO 10 Tixatin, 100% solids 3 Traffic Alkyd, 50% solids 600 24% lead drier 2 6% cobalt drier 4 6% Zircoc catalyst, Advance 4 A-1-Skinnig Agent, ADA 3 V M & P Naphtha <u>85</u> 972 Grind: 7/4 Consistency: 62 to 70 KV Cal.Wt.: (.05 lb. of theoretical	X		
Utah	X	Equipment enamels Comp. Total non-volatile (Yellow) 60% min. Total non-volatile (Black) 45% min. Total vehicle solids (Yellow) 40% min. Total vehicle solids (Black) 40% min.	X		
Vermont					
Virginia					
Washington	X	Formula F-3 Orange Equipment Enamel. Shall meet Federal Specification TT-E-498	X		
West Virginia					

**PROPOSED TEST PROJECT ON 1-COAT
MACHINERY FINISHES**

SUMMARY OF CORRESPONDENCE

(Letters sent to all those listed)

STATE HIGHWAY DEPARTMENTS (CONTINUED)

State	Reply Received	Specification or Formulation Used	Color Chip	Paint Sample	Will Cooperate in Test Program
Wisconsin	x	No machinery enamel specifications.			
Wyoming					
District of Columbia					

TOLL ROAD AUTHORITIES

Florida					
Illinois					
Indiana					
Kansas	x	Yellow - Dulux 93-54701 Blue - Dulux 93-63203			
Maine					
Massachusetts	x	No specification for machinery enamel.			
Michigan					
New Jersey					
New York					
Ohio					
Oklahoma					
Pennsylvania					
Rhode Island					
Texas	x	No specification for machinery enamel.			
Virginia	x	Specification: At least 1 coat of rust-inhibitive paint prior to being painted 2 coats of DuPont No. 19 Yellow Paint, Dulux 93-1226 (No substitutions.)			

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 PROPOSED TEST PROJECT ON 1-COAT
 MACHINERY FINISHES

SUMMARY OF CORRESPONDENCE

(Letters sent to all those listed)

GOVERNMENT AGENCIES

Agency	Reply Received	Specification or Formulation Used	Color Chip	Paint Sample	Will Cooperate in Test Program
U.S. Army Ordnance, Coating & Chemical Laboratory	X	Federal Specification TT-E-485c, Type II, Enamel, Semi-gloss, Rust Inhibiting. Color: Olive drab.	X		
Dept. of Navy: Office of Naval Material	X	Our letter referred to Bureau of Ships, Coatings and Preservation Branch. (No reply from them.)			
Bureau of Public Roads	X	No machinery enamel specifications.			
National Bureau of Standards	X	No machinery enamel specifications.			
Forest and Land Management Research Dept. of Agriculture					

MACHINERY MANUFACTURERS

Allie-Chalmers Mfg. Co.					
American Road Equipment Co.					
Austin Western Co.					
Baldwin-Lima-Hamilton Corp.					
J.I. Case Co.	X	Specifications are primarily application and performance. Composition not directly specified.			
Caterpillar Tractor Co.	X	No specification. Paints used are proprietary paints. (List of such paints given in letter).			