

LEAD INDUSTRIES ASSOCIATION

450 LEXINGTON AVENUE

NEW YORK 17, N. Y.

RED LEAD DIVISION

June 7, 1948

To Members of the Red Lead Technical Committee:

SUBJECT: New Navy Specification Paint as Additional
Control in the Atmospheric Program - Project #14

During the May 6 and 7 Meeting of the Committee it was decided to include the new tentative Navy Specification Primer(52-P-18) as an additional control. Mr. Shobe agreed to furnish the required amount of this paint to the program participants.

In accordance with this decision the enclosed detailed formulation of this new specification primer has been forwarded to Mr. Shobe.

Very truly yours,

C. J. Vander Valk
C. J. Vander Valk
Technical Director
Red Lead Division



NEW NAVY SPECIFICATION PRIMER

52 - P - 18 (Tentative)

PIGMENT - 46.7%	WEIGHTS	WEIGHT % OF TOTAL	POUNDS FOR 100 GALLONS
Zinc Chromate	68.5	22.6	254.0
Zinc Oxide	18.0	8.4	94.0
Raw Sienna	4.8	2.3	25.0
TiO ₂ (TT - T - 425, Type II)	13.8	6.4	72.0
Asbestos	13.3	6.4	72.0
Aluminum Stearate (52-A-12)	1.1	0.6	6.0
	100.0		
VEHICLE - 53.3%			
Alkyd Resin Solution (52-A-13a, Grade II)	56.2	30.0	336.0
Mineral Spirits	41.4	22.1	249.0
Lead Naphenate	2.0	1.0	11.7
Cobalt Naphenate	0.2	0.1	1.2
Manganese Naphenate	0.2	0.1	1.2
	100.0	100.0	1122.10

WEIGHT/GALLON = 11.3 POUNDS

PV = 39.8

Consistency = 7 1/2 ± 4 K. U.

Fineness of Grind = 4

N2788.01