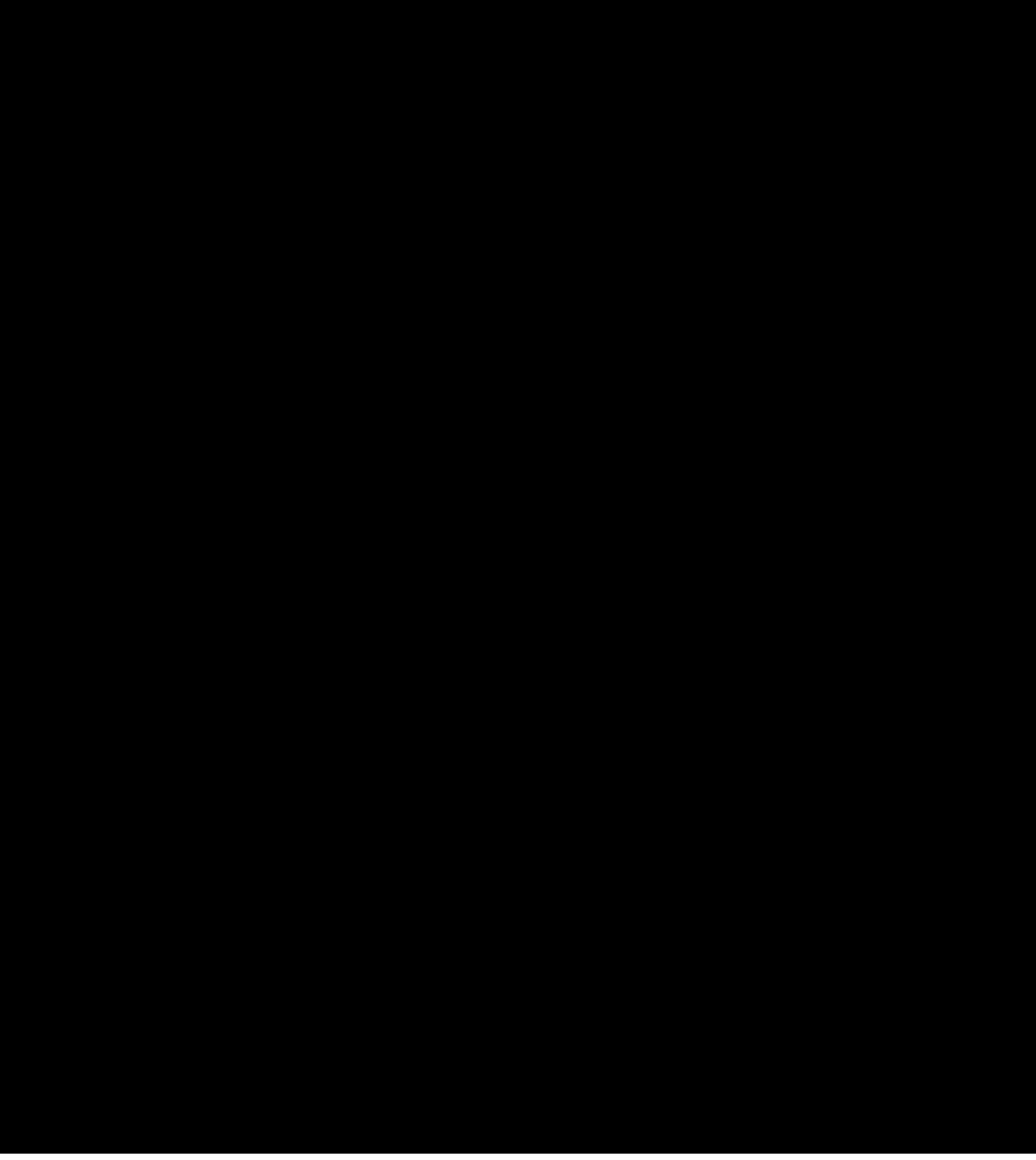




Dr. H. J. Kiefer

PRODUCT DEVELOPMENT REPORT

COATINGS AND RESINS GROUP LABORATORIES

JULY 1964

CONFIDENTIAL
PROPERTY OF
THE GUDSEN COMPANY

GLD006781

July, 1964

Raw Materials

New Standard Samples

The following samples to be used as standards of comparison against future quantity shipments were tested and approved by the Chemical Laboratory for the Standardization Department:

M-492	Vinol FH400 - Colton Chemical Company Lab #2318
S-186	Heavy Aromatic Naphtha (S.C. No. 6 Solvents) Lab #3391
VM-880	Epon Resin (828) Shell Chemical Company Lab #2549
S-196	Isobutyl Alcohol - Celanese Corp. Lab #2550
CH-473	Potassium Tetra Pyrophosphate - Monsanto Chemical Lab #2551
CH-468	Potassium Tripolyphosphate - Victor Chemical Lab #2552
CH-443	Modaflow - Monsanto Chemical Lab #2555
CH-461	Activ 8 - R. T. Vanderbilt Co., Inc. Lab #2556
CH-467	Hydroquinone Monomethyl Ether - Eastman Chemical Lab #2562
VM-888	Vinyl Resin, VMCC - Union Carbide Plastics Lab #2563
O-226	Maleic Treated Oil - Glidden Company Lab #2648
VM-503	Formvar 15-95 E Grade - Shawinigan Resins Corp. Lab #2651

H. R. SCHEAFER

NUBIAN

Hammond Lead's P-7 Pigment

Since it may be of general interest, we are summarizing, immediately following on the next page, our experience with the P-7 lead silicate pigment from Hammond Lead.

(Summary is on next page.)

GLD006782

July, 1964

Raw Materials

Our use of P-7 has been in the Direct-to-Metal Freight CarPaints to the greatest extent. Gail Schooley's reports in the January 1963 (page 11) and October 1963 (page 31) PDR's cover a number of products which use it.

It has been tried in appliance primers (laundry) and found to be less effective than Tri Calcium Phosphate (W-224). The exception, of course, is in SW-6530, a White Flash Dry Primer for Admiral (freezers, air conditioners) in which its use helped salt spray. However, we have sold only a drum or so.

We also have it in SW-6621-A, a White Flowcoat Enamel (baking) for Lloyd Mfg. Co. Difficulty with the flowcoating operation has limited sale of product which is used for coating outdoor furniture.

KEITH PIPER

READING

Hi-Sil #233 from
Columbia Southern (W-R-16)

The subject inert material has been substituted by the Wood Finishing Laboratory for Syloid #161 (M-466) in the Glidkote formulations on about a pound-for-pound basis as a flatting agent. They have also found in the Aroflint system, where they grind in the epoxidized oil (Aroflint #303), that they have been able to use about 80% of the amount that they formerly used of Syloid #161.

I am bringing this to everyone's attention because the price of the Hi-Sil #233 is 56¢ a pound less than that of the Syloid #161.

They have been grinding these flatting bases in the Pebble Mill, but it might be that they could be dispersed as well with the Cowles in certain vehicles, if the proper consistency were obtained.

I suggest that Hi-Sil #233 be considered for new formulations and as a possible substitute for Syloid #161 in existing formulations, whenever possible.

H. M. WERNER

GLD006783