

Glidden Company  
Gloss Emulsion Paints

Mr. J. B. Bullitt, Lab.  
Mr. J. W. Iliff, Lab.  
Mr. P. F. Rosbach, Lab.  
Miss P. R. Stevenson, Lab.  
Dr. I. Shapiro, Lab.

"INDEXED"  
Mr 18'58

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SUPPLEMENT TO  
MEMORANDUM REPORT #M-29:

EVALUATION OF GLIDDEN'S "SPRED-LUSTRE"

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An error has been discovered in the analysis of the subject product as reported in the original memorandum of February 21, 1946. The corrected analysis of the vehicle is as follows:

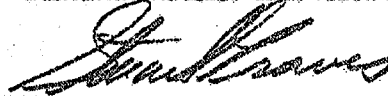
|                 |       |
|-----------------|-------|
| Protein (soya)  | 16.7% |
| Oil Glyceride   | 28.9  |
| Rosin Glyceride | 48.0  |
|                 | <hr/> |
|                 | 93.6% |

This changes the component relationship by comparison with our semi-gloss emulsion to the following:

|                    | <u>"Spred-Lustre"</u><br><u>(By Analysis)</u> | <u>duPont</u><br><u>(By Formula)</u> |
|--------------------|-----------------------------------------------|--------------------------------------|
| P/B                | 88/100                                        | 79/100                               |
| Protein/Oleo-resin | 16.8/83.2                                     | 10/90                                |
| Oil/Resin          | 38/62                                         | 62/38                                |
| Solids as Packaged | 55.3%                                         | 63.5%                                |

The above figures show the "Spred-Lustre" more nearly comparable to our gloss type product in composition, although the high resin content still indicates the possibility of the presence of large amounts of rosin soaps as a secondary wetting agent.

PHILADELPHIA LABORATORY

  
STUART GRAVES

SG:MEH