

No. 111-2525
 Subject: Basic Lead Silico Chromate Pigments
 For: Mr. A. Eickhoff
 Date: July 18, 1954

not complete

37
 Dev. 417-~~47~~-54

At Mr. Zimmerman's request we prepared a series of Basic Lead Silico Chromate pigments.

In each case the lead oxide and chromium oxide content was held at the same ratio as H30 and S25. Ultrafine silica is the same as in S25. Silica content was the single variable ranging from 50 to 90% by weight.

25 lbs. of each pigment were prepared, the entire quantity is sent to you for your use and customer distribution.

The samples are described as follows:

S-50 Pigment	Lot 62866 - D.P. 417-47-54 -	50%	SiO ₂
S-60 Pigment	Lot 63069 - D.P. 417-47-54 -	60%	SiO ₂
S-70 Pigment	Lot 7766 - D.P. 417-47-54 -	70%	SiO ₂
S-80 Pigment	Lot 71166 - D.P. 417-47-54 -	80%	SiO ₂
S-90 Pigment	Lot 71366 - D.P. 417-47-54 -	90%	SiO ₂

Preparation -

Made with Penn Glass Sand Co.'s 5 Micron minus sillica.

Ratio 4PbO - CrO₃ (moles)

SiO₂ content (total), by weight as indicated.

Material was forced in a glass jar, dried milled, furnaceed at 600°C for 2 hours and milled.

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 REJECTIVE

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