FILE NAME: Engelhard (ENG)

DATE: 1969

DOC#: ENG103

DOCUMENT DESCRIPTION: Research to Aid Riverside Paper Corp. Replace Asbestos in Paper Mache Products

1969

research to aid Riverside Paper
Corp (in Wisconsin)
replace A in paper mache product

PLAINTIFF'S EXHIBIT 18 SC 11-6-97

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PW

MINERALS & CHEMICALS DIVISION OF
MINERALS & CHEMICALS PHILIPP CORPORATION
Menlo Park, New Jersey

TECHNICAL SERVICE REQUEST No. PSM-215

To: R. Steinbruch/J. Polon From: C. David Richardson

Assigned To: Copies To: File 3056 Paper Sales File JEJ TCM CGA FLH CDR MP DAJ SCB

Customer: Riverside Paper Corporation, Appleton, Wisconsin.

Subject: Chrysotile Asbestos | T&R/Polon | Asbestos | Attapulgite | Attaclay | Attacarb | Paper Machine

RECEIVED
FEB 10 1969
JAMES A. POLON

Description of Problem & Work Requested:

The customer is currently using this asbestos in an instant paper-mache product. Due to health regulations imposed by certain states, the asbestos must be removed from the formulation, and preliminary testing has indicated Attasorb RVM to be a close product in meeting this demand. However, the customer would like a product at least coarser in particle size. Please evaluate this sample for the following:

1) Approximate particle size

2) Absorbtivity

Perhaps Jim Polon or someone in Research could offer a suggestion as to a possible existing product which would meet the requirements for a coarse white cream colored Attapulgite clay. Since price is no problem according to the customer, perhaps we could develop a special grade utilizing either by-products of our current production or even a new grade for this account. We are open to any suggestions.

Date: February 17, 1969 Signed: C. D. Richardson Approved: RS/FPD (2/19/69) Charge: 16V920

SAMPLE 'R' No. Sample 'E' No.

Results & Comments:

Four samples were prepared as 50/50 mixtures with the paper mache using: asbestos, Attasorb RVM, Attaclay, and Attaclay X-250. The samples were mixed using a food blender. The customer stated that when Attasorb RVM was tried that separation was evident. We did not find any separation occuring with any of the samples. In fact, the samples prepared with the Attapulgites seemed to be more homogeneous than that prepared with the asbestos. On the other hand, the bulk volume seemed to decrease in the order of asbestos, Attsorb, Attaclay, and Attaclay X-250. Perhaps, if the blender operation were improved by the customer, a more homogeneous separation would occur.

RECEIVED
MAR 14 1969
DENTON WAFFER

Date Completed: 3/12/68 Hours: 4 Notebook Ref.:
Should be 1969 See above date of ...
Signed: J. M. Polon