

Johnson & Johnson
BABY PRODUCTS COMPANY

RARITAN, N.J. 08869

Demicronized Talc

Project No. 2006.01

Report for April - May 1977

OBJECTIVE:

Develop a commercially practicable talc product having a minimum content of particles 5 microns and below.

SUMMARY:

A) Airborne Respirable Particles (ARP)
Particle Size Distribution of PEG Treated Talc

Particle size distribution, by optical microscopic count, of ARP from the following PEG treated powders has been determined and reported (Project 2006.01 4/25/77)

- a. JBP - Control
- b. JBP +0.25% PEG
- c. JBP with demicronized talc +0.25% PEG

The results showed that the ARP fractions, from powders a, b and c, all had maximum particle counts in the 6-7 micron range. The distribution curves for samples a & b are about the same, however, the curve for the demicronized talc (c) shows a sharp decrease in particles in the range below 6.7 microns. This would be expected, since many of these particles were previously removed by the demicronization process.

B) Market Research Testing of PEG Treated JBP

500 lbs. of "demicronized" V-66 talc was prepared at Alpine American Corporation by air classification. This material has been delivered to the BPC Product Development group for use in Market Research Testing of PEG treated JBP.

Prepared by:

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