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W. NASHED
JOHNSON & JOHNSON

Dr. Koller

% by wt is not the same as % by number
W.N.

According to Pooley's report entitled "Report of Dusting Experiment Performed with Johnson Johnson Baby Powder", page 12 a baby breathes in a total of

$$2.12 \times 10^6 \text{ particles} \\ \text{ft}^3$$

If 1% of these particles were asbestos fibers then we have

$$0.02 \times 10^6 \text{ particles (fibers) of asbestos} \\ \text{ft}^3$$

$$2.10 \times 10^6 \text{ particles total} \\ \text{ft}^3$$

Therefore, for a three minute exposure to dusting out of eight hours (480 minutes) we have

$$\frac{2 \times 10^4 \text{ particles (fibers)}}{\text{ft}^3} \times \frac{3 \text{ min}}{480 \text{ min}} = \frac{125 \text{ particles (fibers)}}{\text{ft}^3 \text{ in an}} \\ 8 \text{ hr exp.}$$

The law states for asbestos 5 fibers/cc or

$$\frac{5 \text{ fibers} \times 10^3 \text{ cc}}{\text{cc}} + \frac{10^3 \text{ l}}{1 \text{ m}^3} \times \frac{1 \text{ m}^3}{35 \text{ ft}^3}$$

EXHIBIT
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$$\times 10^5 \text{ fibers} / \text{ft}^3$$

a comparison of what a lady would
breathe vs a miner is

$$\frac{1.4 \times 10^5}{1.25 \times 10^2} = 1.1 \times 10^3 \text{ or}$$

approximately a thousand times less.

Bob Rolfe