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What is the Best Packing Material?

The purpose of this project was to find which packing material protects fragile items best. I hypothesized that the bubble wrap would protect the fragile items best.

First, put 4 eggs in separate sandwich bags. Fill half of one box with Styrofoam peanuts and put the egg in. Then, fill the rest of the box with Styrofoam peanuts. Now drop the box from 3 feet high. Open the boxes and take notes on what happen to the egg then replace any damage eggs. Repeat the procedures with the bubble wrap, newspaper and no filler at six feet and nine feet. Repeat all procedures using the chips.

The data collected partially supported the original hypothesis. All the eggs broke or cracked at nine feet except the egg in the bubble wrap. All the chips broke or cracked at nine feet except the chips in the Styrofoam peanuts. In conclusion I would use a mix of the two packing materials. I would wrap the item in the bubble wrap and fill the rest with Styrofoam peanuts.

These findings lead me to believe that bubble wrap and Styrofoam peanuts protect fragile items best of the packing materials tested.