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## Hybrid Plastics Dedicates New Advanced Materials Building

Hattiesburg, MS: Hybrid Plastics dedicated its new Advanced Materials Building on October 8, 2007. Approximately 150 people and other dignitaries joined Mississippi Governor Haley Barbour, Senator Thad Cochran and Congressman Gene Taylor for the ribbon cutting. The 14,400 sq. ft. facility represents the latest addition to the Company's production capacity and can produce POSS<sup>®</sup> compounds having trace impurities below 5 parts per billion. Since the Company's relocation to Hattiesburg in 2004, total investment in Hybrid's principal manufacturing site has exceeded \$6.5 million. Currently, an additional \$3 million is budgeted for the coming year to expand total productions capacity to over 500 tons.



From Left: Dr. Angie Godwin, President of the Area Development Partnership; Dr. Bruce Fu, Hybrid Plastics; Governor Haley Barbour; Dr. Paul Wheeler, Hybrid Plastics; Senator Thad Cochran; Hattiesburg Mayor Johnny Dupree; County Supervisor Lynn Cartledge; Congressman Gene Taylor; Dr. Joe Lichtenhan, President of Hybrid Plastics; Former Ambassador to Portugal John Palmer; and Mark Buffer, Program Executive for the Title III Program of the Defense Production Act.

Photo Courtesy of the Hattiesburg American

POSS<sup>®</sup> [Polyhedral Oligomeric Silsesquioxanes] is a revolutionary new Nanotechnology based on silicon-derived building blocks that provide nanometer-scale control to dramatically improve the thermal and mechanical properties of traditional polymers while offering easy incorporation using existing manufacturing protocols. These compounds have an average diameter of just 1.5 nanometers, or billionth of a meter. POSS<sup>®</sup> nanomaterials can be used both as direct replacements for hydrocarbon based materials or as low-density performance additives to traditional plastics. They release no VOCs, and, thereby, produce no odor or air pollution. They are biocompatible, recyclable, non-flammable, and competitively priced with traditional polymer feedstocks. POSS<sup>®</sup> Nanostructured<sup>®</sup> materials can be readily incorporated into virtually any existing polymer system through blending, grafting or copolymerization.

These POSS<sup>®</sup> nanobuilding-blocks were hailed by R&D magazine as one of the 100 globally most technologically significant new products for the year 2000. Hybrid Plastics was one of five finalists in Small Times Magazine's 2002 *Best of Small Tech Award*. In December 2005, a *Presidential Determination* deemed POSS<sup>®</sup> Nanotechnology to be in the strategic national interest of the United States.

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