

Chemical Week

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Potential Hydrogen Storage Material

Scientists from the University of North Carolina (UNC; Chapel Hill) and the U.S. Department of Energy say they have developed a metal-organic material with cubic cavities that can trap hydrogen molecules, pointing to potential application as a storage medium. The material, a compound of zinc with aromatic molecules, can accept hydrogen molecules under pressure (*picture*). BASF is commercializing a zinc-organic system developed by the **University of Michigan** (Ann Arbor) (*CW, June 11, 2003, p. 25*).

GRAPHIC: Picture, Storage cube: UNC's novel material.