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**POWERMETAL TECHNOLOGIES' NANOMETALS AND ALLOYS POISED
TO REVOLUTIONIZE THE SPORTS INDUSTRY**

*Company Applying 15 Years and \$25 Million in Research in the Nuclear Industry to
Metals and Alloys for Sports Equipment and Protective Gear*

CARLSBAD, Calif. – July 5, 2005 – A competitive edge: the goal of every champion and the envy of those they defeat. PowerMetal Technologies is using nanometals and alloys developed for the nuclear power industry to provide sports equipment and protective gear manufacturers with stronger and lighter materials to create superior performing products. Its first multimillion-dollar contract is signed with a prominent manufacturer and others soon will follow as PowerMetal's goal is to provide the industry's *next* titanium.

The technology was developed by the Department of Defense over a 15-year research and development process at a cost of \$25 million. Seventy global patents protect the process, which produces metals and alloys featuring grain sizes 1,000 times smaller and 2 ½ times stronger than conventional materials. The impetus for development was to the need to repair steam rods in nuclear power plants. Scientists not only had to create a stronger metal, but also a process that was quick and efficient because of the inherent dangers of working inside a nuclear reactor.

These ultra-strong metals and alloys provide manufacturers with a tremendous opportunity to create game-changing products similar to the advancements titanium, graphite and aluminum provided in the past. PowerMetal's manufacturing process allows sports companies to create structural layers of nanometal that are cost effective and far superior to many of today's carbon nanotube applications making headlines. While nanotubes are inherently strong, they do not provide the benefit of a full structural layer. Furthermore, a pound of high-grade nanotubes can cost nearly \$700,000. On the other hand, PowerMetal's process is capable of altering the molecular structure of metals and alloys through a patented electro-deposition process providing tremendous strength improvements at a fraction of the cost.

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An enterprising team of sports-industry veterans recognized the nanometal and alloy's potential applications in the sports industry and secured global licensing rights to market the technology. With their first deal signed and the first products featuring PowerMetal to be released later this year, the company is working with leading manufacturers in several sports categories to develop "game changing" products. The applications are nearly endless with potential for bicycles, baseball bats, skis, golf equipment, tennis rackets, scuba and rock climbing equipment, helmets and protective gear, yachting masts and rigging, cleats, and many more.

"For companies that create innovative performance oriented sports equipment, the opportunity to utilize new materials that outperform today's choices, yet still be cost effective, will help create a whole new generation of breakthrough products. In many sports we have seen the shift from wood to steel to titanium and now composites. Our nanotechnology breaks existing design parameters and allows product designers the ability to create previously unthinkable designs," said Edward Hughes, president and CEO of PowerMetal Technologies, Inc. "PowerMetal's technology and nanometal can revolutionize many sporting good products by adding strength and reducing weight. This is often the Holy Grail for sporting goods manufacturers."

PowerMetal's executive team brings a depth of experience in the sports industry including TaylorMade adidas Golf, Maxfli Golf, Liquid Metal and Dunlop Slazenger Group, which is unmatched by other nano-technology companies.

To demonstrate the strength and flexibility of their process, PowerMetal executives use ping-pong balls coated with an extremely thin layer of nanometal. The resulting sphere is capable of holding the weight of a 225-pound man, but weighs about the same as a traditional ping-pong ball. Another demonstration uses a drinking straw, again coated with PowerMetal's nanometal, which is unbreakable and extremely light.

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PowerMetal Technologies Inc.

PowerMetal Technologies Inc., based in Carlsbad, California was formed in 2005. The company uses advanced nanotechnology science to create stronger and lighter metals and alloys for sports equipment and consumer goods manufacturers. PowerMetal partners with leading OEM's to enhance the strength and performance of the products they design. Their manufacturing process is comparable to other high-end materials and scalable to allow each manufacturer to determine the value proposition the products provide to the consumers they reach.

Edward Hughes, a Harvard MBA, was previously the Senior Vice President and General Manager of TaylorMade adidas Golf. Hughes also held senior management positions at Maxfli Golf and the Dunlop Slazenger Group. His management experience, when combined with other members of the PowerMetal's leadership team who have significant experience from companies such as LiquidMetal, TaylorMade adidas Golf and UPS, provides a formidable team.

For more information about PowerMetal Technologies, Inc. please visit www.powermetalinc.com