



NanoMaterials, Ltd.

Line of Business

Lubricants, Composites,
Coatings

Established

2002

Leading Executives

Dr. Niles Fleischer
CEO (acting)

Mr. Yaniv Zilber
Finance

Dr. Alla Zak
Technology

NanoMaterials, Ltd., founded in 2002, is a leading nanotechnology company that develops, manufactures, and sells products based on proprietary types of nanospheres and nanotubes made from inorganic compounds. These unique nanoparticles, discovered in breakthrough research at the Weizmann Institute of Science in Israel, are the basis for a broad range of commercial and industrial products. The company's nanoparticles are stronger and more stable than conventional particles, and are safe, non-toxic and come in easy to use concentrates and pastes.

At NanoMaterials the future of nanotechnology is here and now as the company manufactures bulk quantities of competitive priced tungsten disulfide

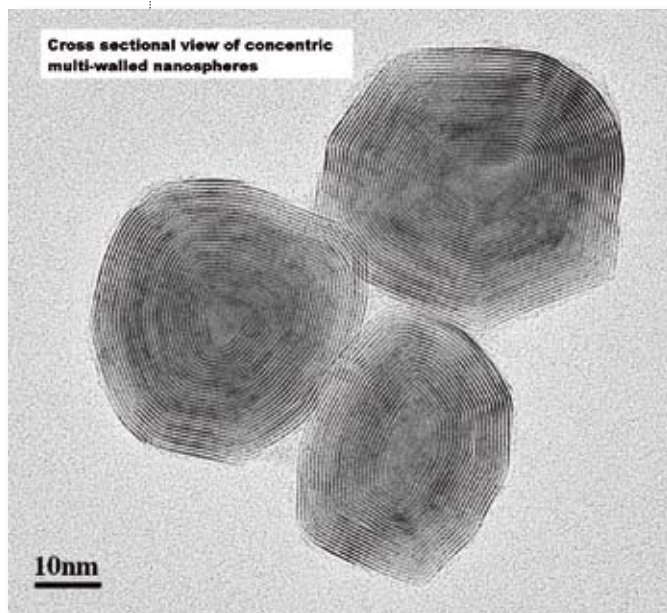
and paste forms. This unique solid lubricant is blended into host oils and greases to reduce friction and wear, prolong device service life, save energy, and lower maintenance costs. It is useful in applications ranging from automobiles, industrial machines, heavy equipment, bearings, and chains. NanoLub concentrates and pastes are sold worldwide by the company's network of sales agents and distributors including Europe, North America, India, Japan, Asia, and South Africa

- The second market is the lubrication coating market where the company is offering a special anti-friction coating for metal parts in the aerospace, automotive, and military markets.
- The third market is in the field of strengthening polymer composite materials, marketed under the NanoG brand with three groups of products:

NanoArmor™ provides protective and shock absorbent materials for the military, personal safety, and ballistic protection markets.

NanoShield™ offers unique protective shock absorbent and pressure distribution materials for civilian applications such as thinner, more ergonomic car seats and environmentally friendly and safer playground surfaces.

NanoComposite™ family of products aims to increase strength in polymers, adhesives, concretes and paints.



Cross sectional view of concentric multi-walled nanospheres

10nm

nano-spheres at its state-of-the-art production facility in Yavne, Israel. The company also produces pilot quantities of inorganic multi-walled nanotubes at attractive prices.

The company has commercial products in three markets:

- The first market is the lubrication market where NanoMaterials has launched the NanoLub® line of additives for enhancing the anti-friction, anti-wear and extreme pressure performance of lubricating oils and greases. These additives are sold in convenient to use oil concentrate



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