



Helicon Chemical Company was founded by President and CEO Dr. David Reid to commercialize recent advances in composite materials manufacturing technology. Helicon's primary customer is currently the U.S. Department of Defense (DoD), which has awarded multiple research and development contracts to Helicon since 2013. For our DoD customers, Helicon is developing and testing prototype nanostructured materials for aerospace propulsion systems, munitions, and environmental applications. Outside of the defense market, Helicon is partnering with academia and industry to apply its technology to the development of new materials for high performance coatings and electronics. Helicon has chemical and nanomaterial synthesis, analysis, and scale-up capabilities at our Orlando, FL research facility.

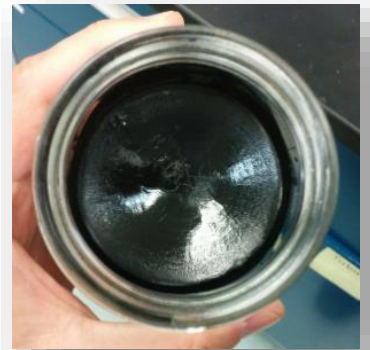
## PRODUCTS AND APPLICATIONS

### DoD areas of interest for nanomaterials in energetics:

- 3D printable propellants and warheads
- Airbreathing propulsion
- Liquid fuels & propellants
- Insensitive Munitions
- Next-generation chemical propulsion systems
- Nanoenergetics programs at Navy, Army, Air Force

### Potential Commercial Applications

- Fuel & propellant for commercial space launch
- Explosives and propellants for oil/gas/mining
- Thin film technology for electronic systems
- Pulsed power, capacitors, and photovoltaics
- Fuel cells nanocomposite membranes & catalysts
- Multi-functional coatings (e.g., anti-corrosion)



## CORPORATE OVERVIEW

**Corporate Headquarters:** Orlando, FL

**Corporate Structure:** Privately Owned, Small Business

**DUNS #:** 078489894

**Security Clearance Level:**

Company: ITAR

Staff: Secret

Facility: ITAR

**TIN #:** 455627444

**SIC:** 2819060, 28191000, 28199901, 37640000, 37649904

**CAGE CODE:** 6TQ54

### NAICS CODES

- 325510 Paint and Coating Manufacturing
- 336414 Guided Missile and Space Vehicle Manufacturing
- 541330 Engineering Services
- 541713 Research and Development in Nanotechnology
- 927110 Space Research and Technology

### FACILITIES

**Helicon Corporate Offices**

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### CONTACT

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