

CAPABILITY STATEMENT



EXPERTS IN GALVANIC CORROSION AND SURFACE PROTECTION

Executive Summary

Elinor Coatings, LLC researches and develops chromium-free anticorrosion coatings and metal protection solutions for lightweight metals such as aluminum, magnesium and titanium. We are pioneers in metal-rich coatings and multi-metal universal primers where steel and lightweight metals meet. We seek to increase our applied research portfolio across DoD agencies and produce new materials that meet and exceed specs requiring safer, higher performing solutions.

CORE COMPETENCIES

- Galvanic Corrosion
- Aluminum & Magnesium
- Lightweight Metals
- Surface Analysis/Failure
- Primers
- Metal-rich Coatings
- Chromate-free
- Coatings Formulation

NAICS CODES

541712: Research and Development
325510: Paint and Coating Manufacturing
541690: Other Scientific & Technical Consulting

DIFFERENTIATORS

- PI has 18 years of R&D DoD experience
- Demonstrated delivery results during Covid19
- Spinoff from North Dakota State University Coatings and Polymeric Science department.

PAST PERFORMANCES

DoD USAF Subcontract UDRI, Dayton OH
60 months June 2019 FA8650-18-D-5600
Corrosion/Coatings Research RSC19033
PI: Dante Battocchi
Program Officer: M. Rothgeb



COMPANY INFORMATION

ELINOR COATINGS, LLC

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BUSINESS OVERVIEW

Woman-Owned Small Business
HubZone Certified
Company Type: LLC
Incorporated: 2006
DUNS# 832722198
CAGE# 5T7D3



PRODUCTS

- **Aluma45**® Chrome-Free primer for aluminum alloys developed for the DoD
- **MagnaShield**™ surface sealer for magnesium components
- **BronzeShield**® selectively removable clear coat for bare metal
- **ZebraShield**™ self-cleaning clear coat for fresh water applications (Zebra and Quagga Mussels)