

Horizon Industries

Hex Buster – Hexavalent Chromium Elimination Technology

PROBLEM STATEMENT

- Hexavalent chromium (Chrome 6) remains prevalent on legacy military aircraft and in shipbuilding and sustainment operations.
- Painting, depainting, corrosion control and maintenance activities can disturb hex-chrome coatings and create worker exposure and contamination concerns.
- Although U.S. Government policy seeks to reduce the use of Chrome 6 over time, large numbers of legacy aircraft and existing coated assets mean the hazard will remain for years.
- Maintenance organizations need a practical method to address residual hexavalent chromium during routine work.

TECHNOLOGY SOLUTION

- Hex Buster is a purpose-built treatment for eliminating hexavalent chromium contamination on treated surfaces.
- Independently tested & qualified by SGS Galson - the world's most respected independent test laboratory for harmful chemicals using an OSHA Modified W4001 method.
- Testing demonstrated 99.6% elimination of hexavalent chromium under the tested conditions.
- Designed as an easy-to-deploy product for maintenance personnel working around hex-chrome-containing coatings and residues.
- Provides a near-term solution while DoW platforms transition away from Chrome 6 over the long term.

BENEFITS

- Third-party certified testing demonstrated 99.6% elimination of hexavalent chromium under the tested conditions.
- Helps reduce the presence of hazardous Chrome 6 on treated surfaces and supports safer maintenance practices.
- Simple spray-on solution can be integrated into existing cleaning and maintenance workflows.
- Relevant to military aviation, naval shipbuilding, depainting, painting, corrosion-control and sustainment environments.
- Ships in powder form (except the degreaser) and has at least a 3 year shelf life while it remains in powder form.
- Made in the USA.

GRAPHIC

