

M-Squared Innovations

Modernized Surface Cleaning and Preparation Consumable for DoD Sustainment

PROBLEM STATEMENT

Legacy solvent rag workflows introduce volatile organic compound exposure, lint contamination, inconsistent surface preparation, and avoidable safety burdens across Department of War sustainment activities. These issues reduce coating adhesion, increase nonconformance, and drive rework across weapons systems, ships, aircraft, and ground vehicles. Inefficient solvent application also increases HAZMAT burden and complicates environmental compliance. Current methods create contamination risks for transparencies, optics, displays, and other critical visual components. A modern, standardized, low-risk surface-preparation consumable is required.

BENEFITS

The bz® Wipe System delivers immediate sustainment gains across Department of War maintenance by modernizing surface cleaning and preparation for weapons systems, ships, aircraft, and ground vehicles. It reduces volatile organic compound exposure, eliminates lint contamination, and improves coating adhesion on metals and composites. It is also validated safe for transparencies, optics, displays, and other critical visual components. bz® wipes standardize surface preparation, reduce rework, and increase throughput across depot, shipyard, armory, & flight line.

TECHNOLOGY SOLUTION

The bz® Wipe System provides a modernized, pre-saturated surface-cleaning and preparation consumable that replaces legacy solvent rag workflows across Department of War sustainment activities. The system delivers controlled and repeatable solvent application that reduces HAZMAT burden, improves safety, and supports consistent surface preparation on metals, composites, transparencies, optics, displays, and other critical components. bz® wipes eliminate lint contamination, reduce volatile organic compound exposure, and integrate seamlessly into depot, shipyard, armory, and flight line maintenance environments.

GRAPHIC

