

Product Sheet:

eSwipe®

Product of eSpin Technologies, Inc.



Description

eSwipe® is a novel dry wipe engineered for nuclear decontamination. Its functionalized nanofiber coating provides a high surface area that enhances the capture of loose radiological particles, beryllium, biological contaminants, oils, and organic contaminants from a wide range of surfaces. As a result of their intrinsic properties, high specific surface area, and functionalization, the nanofibers have shown a high affinity, and high removal efficiency of radionuclides and hazardous waste materials when tested against conventional cleaning materials comprised of fibers significantly larger in diameter.

Uses:

Decontamination of lab equipment, machine surfaces, components, tools, wall, floor, piping, among other surfaces in decontamination and demolition (D&D). Additionally, eSwipes are also used in fire fighters' gear cleaning, radiological healthcare facilities, laboratories, nuclear power plants, nuclear materials process laboratories, and CBRN warfare contaminated gear cleaning.

Characteristics/Advantages:

No cleaning solution needed, simple to use, effective with transition metals and actinides, environmentally friendly, safe on human skin, maintains its decontamination efficiency while preventing cross-contamination and ensuring consistent quality, minimizing waste and saving costs, bulk quantities and custom sizes available on request.

Application Instructions:

Remove a single wipe from the box and wipe contaminated surface with one side, then fold wipe over and wipe again to remove any remaining contaminants.

– *Not effective on porous surfaces such as brick, concrete, asphalt, etc.*

SPECIFICATIONS:	ESWIPE
Item Code	eSwipe
Format	Dry Wipe
Packaging	Bag
Package Quantity	50 wipes, 100 wipes
Storage	Dry, Room Temperature
Shelf Life	Unlimited in Proper Storage Conditions
Item Size	12" x 12"
Unit Size	50 wipes / bag, 100 wipes / bag
Toxicity	Nontoxic
Odor	Odorless
Flammability	Non-Flammable



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eSwipe™
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