

Reztore® Alcohol-Free ESD Surface & Mat Cleaner Application Instructions



Made in the
United States of America



Figure 1. Reztore® Alcohol-Free ESD Surface & Mat Cleaner:
16 Ounces (450 ml) Spray Bottle
1 Quart (950 ml) Spray Bottle
2.5 Gallons (10 liters) Bag-in-Box

Description

Reztore® Alcohol-Free ESD Surface & Mat Cleaner is used to clean and maintain ESD mats and other worksurfaces. Reztore® does not contain silicone or other substances that will leave an insulative residue or inhibit the performance of an ESD surface. It is a non-hazardous, non-flammable formula that requires no special handling during shipment or for storage. It may be used to remove dust, grease, grime, fingerprints, and solder flux from all surfaces used in a static sensitive area. Reztore® does not contain solvents such as 2-Butoxyethanol, Ethanolamine or Isopropyl Alcohol.

General Guidelines

Reztore® Alcohol-Free ESD Surface & Mat Cleaner is a liquid cleaner which can be used on a variety of surfaces, especially surfaces used in a static sensitive environment. Surfaces include but are not limited to: rubber, vinyl and polyethylene table and floor mats, field service kits, laminated table tops, tote boxes, epoxy, painted surfaces, plexiglass, glass, metal, 3-ring binders, computer keyboards, shelving, push carts, conveyor belts, etc.

"Periodic cleaning, following the manufacturer's recommendations, is required to maintain proper electrical function on all work surfaces. Ensure that cleaners that are used do not leave an electrically insulative residue common with some household cleaners that contain silicone." (ESD Handbook ESD TR20.20 section 5.3.1.14 Worksurface Maintenance)

"Only cleaning materials or processes which do not degrade the properties of the ESD protective items, shall be used." (EN 61340-5-1 clause 5.5 EPA working practices)

Directions

Smooth Surfaces:

Apply Reztore® Alcohol-Free ESD Surface & Mat Cleaner to the entire surface to be treated using either the pump or trigger spray bottle. Use a lint-free cloth to wipe the surface until dry. For set stains, let Reztore® Alcohol-Free Surface & Mat Cleaner soak on the surface for 30 seconds before wiping clean.

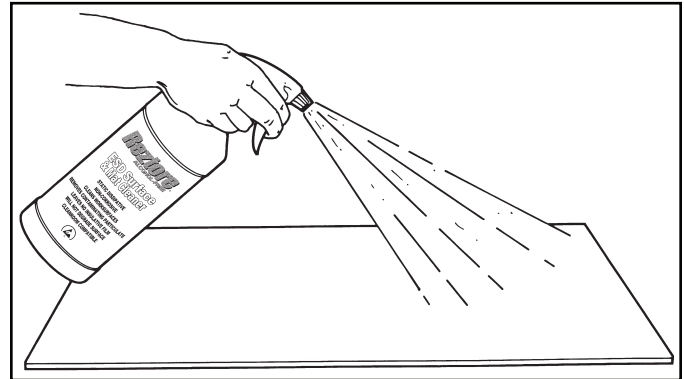


Figure 2. Apply Reztore® cleaner to the mat

Other Surfaces - Keyboards:

Dampen a lint-free cloth or a lint-free swab with Reztore® Alcohol-Free ESD Surface & Mat Cleaner. Wipe surface to be cleaned using either the cloth or swab. The swab will work best for tight spots like between keyboard keys. Use the cloth to wipe clean the remaining surfaces of the keyboard.

On non-ESD surfaces, we recommend using Reztore® Topical Antistat static dissipative coating. While coating is on the surface it will enhance existing ESD surfaces and will give dissipative electrical properties to insulative surfaces.

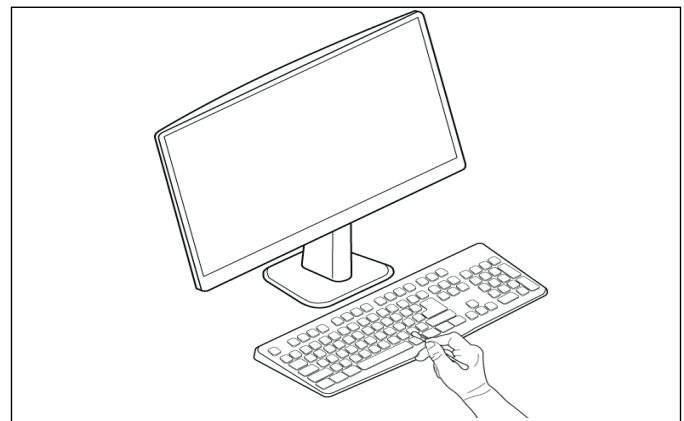


Figure 3. Clean a keyboard with Reztore® Alcohol-Free ESD Surface & Mat Cleaner

Specifications

Appearance of Solution	Transparent violet
pH	6.5 - 7.5
Odor	Floral
Solubility	Water, acetone, alcohols
Toxicity, Irritation, Sensitivity	Non-toxic by dermal contact, or inhalation
Flammability	Non-flammable
Electrical Properties (Dry Film)	1×10^7 to $< 1 \times 10^9$ ohms (ref. ANSI/ESD STM4.1)
Static Decay Rate	< 0.01 seconds (per FTMS 101C Method 4046)

Testing

It is recommended to test the surface after cleaning to ensure that all insulative contaminants such as dirt and grime have been removed. Reztore® Alcohol-Free ESD Surface & Mat Cleaner will only leave behind a coating with a surface resistance of less than 1×10^9 ohms.

Storage

Reztore® Alcohol-Free ESD Surface & Mat Cleaner product does not have a set life span. The chemicals are not known to degrade over time when stored at the proper temperature conditions as stated in the Safety Data Sheet. We also recommend that this product be stored in its original container and be sealed when not in use.

RoHS, REACH, and Conflict Minerals Statement

See Desco Industries RoHS, REACH, and Conflict Minerals Statement:

DescoIndustries.com/ROHS.aspx

Desco Industries Limited Warranty

See Desco Industries Limited Warranty:

DescoIndustries.com/Warranty.aspx

Reztore® Alcohol-Free ESD Surface and Mat Cleaner is available from these Desco Industries brands:

DESCO

for service and support in North America

1 Quart (950 ml) [10446](#)

16 Oz. (450 ml, Pack of 4) [10447](#)

2.5 Gallons (10 liters) [10448](#)

DESCO EUROPE

for service and support in United Kingdom and Europe

1 Quart (950 ml) [10446](#)

16 Oz. (450 ml, Pack of 4) [10447](#)

2.5 Gallons (10 liters) [10448](#)

DESCO ASIA

for service and support in Asia

1 Quart (950 ml) [10446](#)

16 Oz. (450 ml, Pack of 4) [10447](#)

2.5 Gallons (10 liters) [10448](#)