

# Reztore® Surface & Mat Cleaner Application Instructions



Made in the  
United States of America



Figure 1. Reztore® Surface & Mat Cleaner:  
16 Ounces (500 mL) Spray Bottle  
1 Quart (1 liter) Spray Bottle  
2.5 Gallons (10 liters) Bag-in-Box

## Description

Reztore® Surface & Mat Cleaner is a liquid cleaner used to remove dust, grease, grime, fingerprints, and solder flux from all surfaces used in a static sensitive area. Reztore® Surface & Mat Cleaner leaves no insulative residue, contains no alkali or ammonia, and according to NFPA and OSHA, is "non-flammable".

## General Guidelines

Reztore® 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 screens, computer keyboards, shelving, push carts, conveyor belts, etc.

**NOTE:** Cleaners with silicone leave an insulative residue on surfaces and solvents such as 2-Butoxyethanol or Ethanamine used in cleaners can dry out the material; both can prevent conductive or dissipative mats from functioning properly.

"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® 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® Surface & Mat Cleaner soak on the surface for 30 seconds before wiping clean.

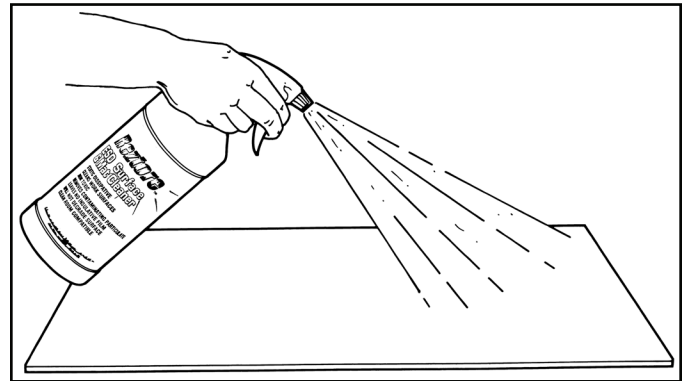


Figure 2. Applying Reztore® to the mat

### Other Surfaces - Keyboards:

Dampen a lint-free cloth or a lint-free swab with Reztore® 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.

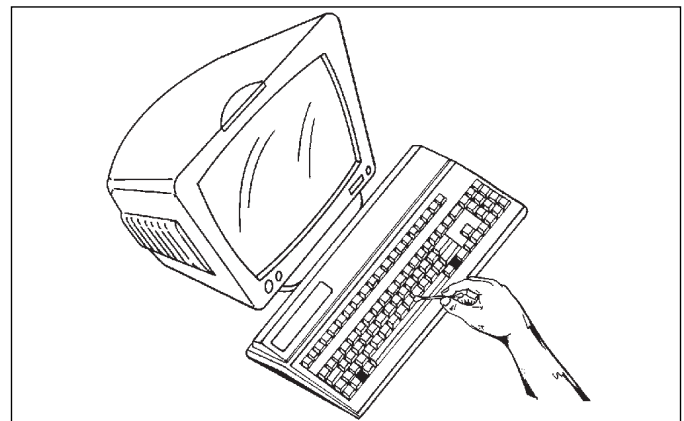


Figure 3. Cleaning a keyboard or computer screen with Reztore® Surface & Mat Cleaner

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.

## Specifications

<b>Appearance of Solution</b>	Transparent violet
<b>pH</b>	6.0 - 8.0
<b>Odor</b>	Slight floral
<b>Solubility</b>	Water, acetone, alcohols
<b>Toxicity, Irritation, Sensitivity</b>	Non-toxic by dermal contact, or inhalation
<b>Flammability</b>	"Non-flammable" per NFPA and OSHA. Flammable Cat. 3 per CLP
<b>Ion Level (mg/L)</b>	Fluoride 0.3 Sulfate <0.5 Nitrate 1.2 Bromide <0.5 Phosphate <0.5
<b>Electrical Properties (Dry Film)</b>	$1 \times 10^7$ to $< 1 \times 10^9$ ohms (ref. ANSI/ESD S4.1)
<b>Static Decay Rate</b>	<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® Surface & Mat Cleaner will only leave behind a coating with a surface resistance of less than  $1 \times 10^9$  ohms.

## Storage

Reztore® 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.