

Rezto™ Surface & Mat Cleaner Application Instructions



Figure 1. Rezto™ Surface & Mat Cleaner:
16 ounce (500 ml) spray bottle
1 quart (1 litre) spray bottle
2.5 Gallon (10 litre) Bag-in-Box

Description

Rezto™ Surface & Mat Cleaner is a non-toxic liquid cleaner used to remove dust, grease, grime, fingerprints, and solder flux from all surfaces used in a static sensitive area. Rezto™ Surface & Mat Cleaner leaves no insulative residue, contains no alkali or ammonia, and is nonflammable.

General Guidelines

Rezto™ 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 containing silicone will leave an insulative film. A dissipative ESD worksurface may not fulfill its function if covered by an insulative layer. Many general purpose cleaners contain silicone.

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

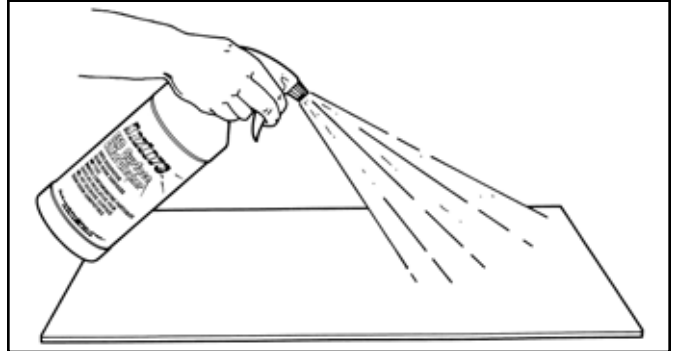


Figure 2. Applying Rezto™ to the mat.

Other Surfaces - Keyboards:

Dampen a lint-free cloth or a lint-free swab with Rezto™ 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.

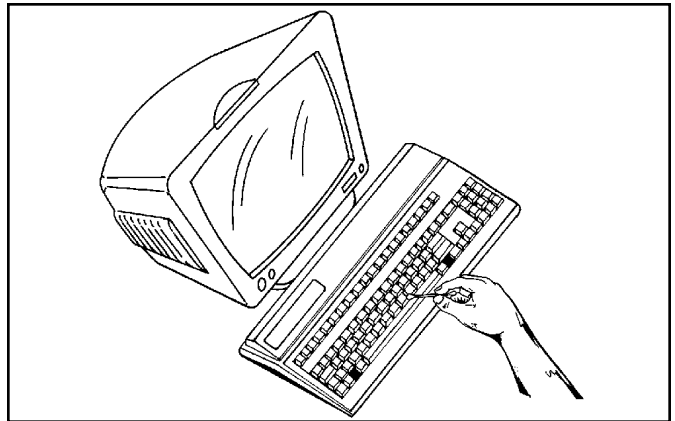


Figure 3. Cleaning a keyboard or computer screen with Rezto™ Surface & Mat Cleaner.

On non-ESD surfaces, we recommend using Rezto™ 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

Appearance of solution:	Transparent violet
pH:	6-8
Odor:	Slight floral
Solubility:	Water, acetone, alcohols
Toxicity, Irritation, Sensitivity:	Non-toxic by dermal contact, or inhalation
Flammability:	Non-flammable
Ion Level:	(mg/l)
	Fluoride 0.3
	Sulfate <0.5
	Nitrate 1.2
	Bromide <0.5
	Phosphate <0.5

Electrical Properties (Dry Film)

10E7 - 10E8 ohms

(ref. ANSI/ESD S4.1)

Static Decay Rate:

<.01 seconds
(per FTMS 101C
Method 4046)

Testing

It is recommended to test the surfaces after cleaning to ensure that all insulative contaminants such as dirt and grime have been removed. Reztore™ Surface & Mat Cleaner was designed to leave behind a coating which has a surface resistance of 10^8 ohms or lower.

FIELD TEST:

For quick and easy verification of surface resistance we recommend the use of a megohmmeter. These are available from many Desco Industries companies. For testing of static fields, we recommend the use of a static field meter. These instruments are also available from many Desco Industries companies.

Features

- Cleans bench surfaces
- Leaves static dissipative layer on surface
- Non-toxic
- Non-streaking, quick drying
- Non-aerosol
- No CFC's - water based
- No alkali or ammonia
- Neutral pH
- Low Volatile Organic Solvents

NOTE: 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 Material Safety Data Sheet. We also recommend that this product be stored in its original container and be sealed when not in use.

Limited Warranty

Desco Industries Inc. expressly warrants that for a period of one (1) year from the date of purchase, our Reztore™ Surface & Mat Cleaner will be free of defects in material. Within the warranty period, the material will be replaced at our option, free of charge. Call our Customer Service Department at 781-821-8370 or 00 44 (0) 1892-665313 in Europe for a Return Material Authorization (RMA) and proper shipping instructions and address. You should include a copy of your original packing slip, invoice, or other proof of purchase date. Any material under warranty should be shipped prepaid to the Desco Industries Inc. factory. Warranty replacements will take approximately two weeks.

Warranty Exclusions

THE FOREGOING EXPRESS WARRANTY IS MADE IN LIEU OF ALL OTHER PRODUCT WARRANTIES, EXPRESSED AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH ARE SPECIFICALLY DISCLAIMED. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, operator error, or failure to properly maintain, clean or repair products.

Limit of Liability

In no event will Desco Industries Inc. or any seller be responsible or liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.