

TECHSPRAY'S VALUE IN ESD PROTECTED AREAS



Techspray ESD-safe products can help maintain work areas within the ANSI/ESD-S20.20 standards set by the ESD Association (www.esda.com). In a static-free environment, the work area, tools and personnel form an electronic

circuit (see diagram). Cleaners, lotions, and coatings are an integral part of an ESD control program.

Electrostatic Discharge (ESD) occurs when the charges of two surfaces with a large electronic potential (difference) equalize instantaneously. The resulting current or spark can cause catastrophic or latent damage to electronic components. ESD programs maintain an equal potential by maintaining continuous contact with ground, avoiding ESD damage.

ESD-safe freeze spray (1747), used for diagnostic testing, can be found on page 1.

FLOOR CARE



1720 ZERO CHARGE® ESD-SAFE FLOOR COATING

Converts any sealed floor to an ESD-safe surface with resistivity between 10^6 to 10^{10} . High gloss finished for use in electronic production areas, computer rooms, hospitals, and other areas with static sensitive equipment.

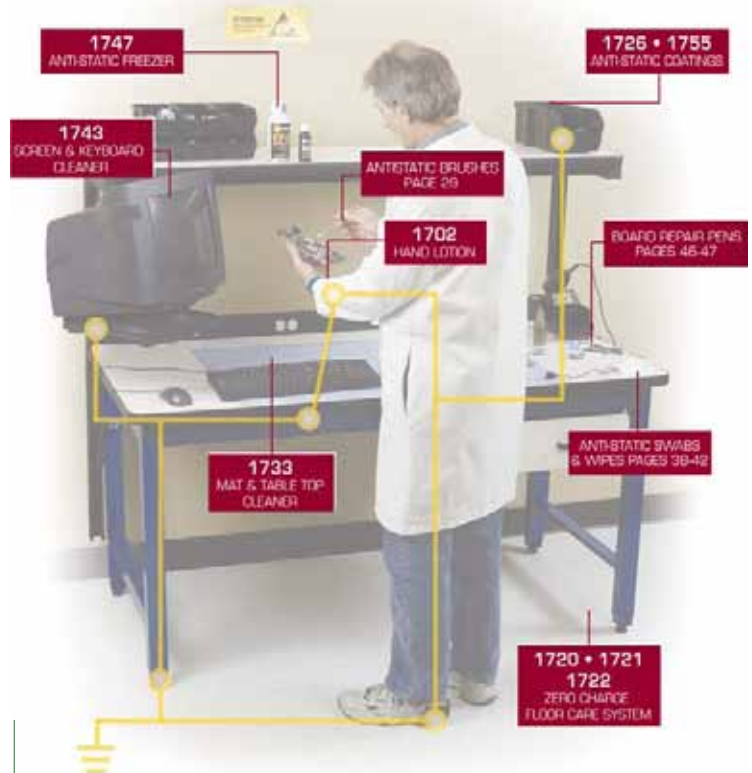
- Resistivity between 10^6 to 10^{10}
- High Gloss Polymer
- Slip Resistant
- Effective in Low Humidity
- Zinc Free

Specifications: General Dynamics, Boeing Aircraft (BAC5485), Unisys, NFPA 56A, USDA Approved.

- 1720-G** 1 gallon in plastic jug (coats @1,200 ft²)
- 1720-5G** 5 gallons in plastic pail (coats @6,000 ft²)
- 1720-54G** 54 gallons in plastic drum (coats @64,800 ft²)



RoHS Compliant
 "Always was...always will be"



1721 ZERO CHARGE FLOOR STRIPPER

Alkaline, non-ammoniated floor stripper which removes built-up wax, synthetic floor finishes, and embedded soils. Intended for use to prepare a floor for Zero Charge ESD-Safe Floor Coating (1720).

- Removes Waxes
- Concentrated
- Non-Ammoniated
- No Phosphates
- Effective with Hard and Soft Water

Specifications: USDA Approved, NFPA 56A

- 1721-5G** 5 gallons in plastic pail (strips @25,000 ft²)

1722 ZERO CHARGE FLOOR CLEANER/NEUTRALIZER

Cleans scuffs, dirt, and other contamination without leaving insulative waxes and brighteners. Also neutralizes floor surface to prepare for Zero Charge ESD-Safe Floor Coating (1720).

- Does not leave insulative waxes or brighteners
- Non-Corrosive
- Neutral pH
- No Phosphates
- Leaves No Soap Scum

Specifications: USDA Approved, NFPA 56A

- 1722-G** 1 gallon in plastic jug (cleans @10,000 ft²)
- 1722-54G** 54 gallons in plastic drum (cleans @540,000 ft²)

PERSONAL AND EQUIPMENT CARE

1702



ZERO CHARGE HAND LOTION

Improves contact between personnel and grounding devices such as wrist straps and heel straps. Does not contain silicone, lanolin, and other materials found in conventional hand lotions that can interfere with PCB manufacturing. Blend of moisturizers, aloe vera, and vitamins A and E penetrate rapidly leaving skin soft without a greasy film.

- Improves Wrist and Heel Strap Contact
- Does Not Contain Silicone or Lanolin
- Non-Contaminating — Does Not Interfere with Soldering
- Non-Greasy

Specifications: Desco C00038201S
1702-8FP - HP9300-1731
1702-G - HP9300-6148, AT&T Com Code #406359406

1702-8FP 8 oz plastic bottle with finger pump
1702-G 1 gallon plastic bottle



1702-8FP

1733



ZERO CHARGE MAT & TABLETOP CLEANER

Clean flux and other residues off of ESD-Safe mats and tabletops. Will not dry out surfaces (i.e. IPA) or leave insulative waxes (i.e. household cleaners).

- Rejuvenates ESD-Safe Mats
- Will Not Dry Out Surfaces
- Leaves No Insulative Film
- Non-Flammable
- No Ammonia
- Non-Corrosive

Specifications: 1733-QT - AT&T Com Code #406359414
1733-G - HP 9300-1921

1733-QT 1 quart in plastic bottle w/trigger sprayer
1733-G 1 gallon in plastic jug
1733-5G 5 gallons in plastic pail



1733-QT

1742



ETC™ GLASS & PLASTIC CLEANER

Water-based, non-streaking cleaner and removes heavy contamination from glass, plastic and metal enclosures. Leaves light, ESD-safe coating. Does not contain insulative additives.

- Leaves ESD-Safe Coating
- Non-Streaking
- Leaves No Insulative Film
- Non-Flammable
- No Ammonia
- Non-Corrosive

Specifications: General Dynamics HSDS 080516-01

1742-QT 1 quart in plastic bottle w/trigger sprayer



1743



ZERO CHARGE SCREEN & KEYBOARD CLEANER

Removes hand oils, ink marks, dust, and other contaminants from computer equipment. With regular use, cleaner will eliminate static charge from sensitive surfaces and provide long-term static protection.

- Cleans Plastic & Glass
- Leaves ESD-Safe Coating
- Non-Streaking
- Leaves No Insulative Film
- Non-Flammable
- Non-Corrosive



1743-50PK

Specifications: Meets or exceeds MIL-B-81705B, NFPA 56A

1743-50PK 50 pre-saturated wipes in packets
1743-DSP 48 pre-saturated wipes in pop-up tub
1743-QT 1 quart in plastic bottle w/trigger sprayer

ESD COATINGS

1726



ZERO CHARGE ANTI-STAT COATING

Fast drying, anti-static coating eliminates static charge and reduces triboelectric generation from flexible surfaces. Ideal for plastics, fabrics, and carpet.

- All-purpose static control
- For Plastics, Fabrics, and Carpet
- Fast Drying
- Non-Flammable

Specifications: Meets or exceeds MIL-B-81705B, NSN 6850-01-324-4682, Delco C00013781, NFPA 56A. USDA: approved A-4 rated.

1626-QT 1 quart in plastic bottle with trigger sprayer



1755



LICRON™ PERMANENT ESD-SAFE COATING

Permanent static dissipative coating that adheres to metal, plastic, and most other surfaces. Ideal for changing standard bumpers, bins, tools, and surfaces to ESD-safe, saving expensive replacement cost. One can of Licron coats 200 ft².

- Permanently Static Dissipative
- Resistivity between 10⁶ to 10⁸ ohms
- Humidity Independent — Maintains Resistivity
- Superior Adhesion
- Translucent

Specifications: Meets or exceeds the EOS/ESD Association Test Methods ANSI/EOS/ESD-S11.11-1993 and ESD STM4.2-1998

1755-10S 10 oz aerosol (coats @200ft²)

