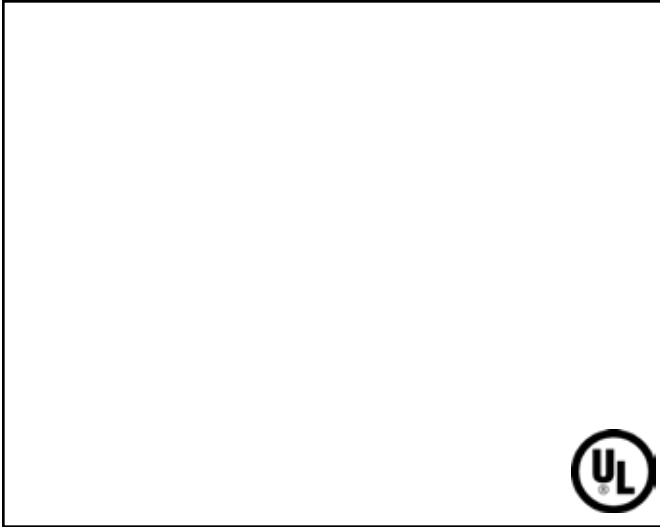


Application and Maintenance Program Statfree® ESD Protective Floor Care Products

Made in America



General Guidelines

Desco Statfree® Floor Finish eliminates static charges from building up on personnel and equipment, reducing the potential hazard of ESD related failures in sensitive environments. Unlike most conventional static control acrylic floor finishes which rely on zinc cross-linking technology, Statfree® is free of zinc and other heavy metals. This is important to users being monitored, or those desiring to reduce metal discharge into their waste water. Statfree® durability and low cost make it ideal for use as a protective overcoat on expensive conductive floor tiles.

For maximum effectiveness Statfree® Dissipative Floor Finish should be used as part of a comprehensive maintenance program that includes use of other Floor Care products such as Statguard® Floor Stripper and Floor Cleaner, and Statfree® Spray Buff and Burnishing Restorer. Proper attention paid to the application and maintenance of Statfree® Floor Finish will result in increased durability and enhanced ESD control performance.

NOTE: Statfree® Dissipative Floor Care products do 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 these products be stored in their original containers and be sealed when not in use.

Grounding (Typically Not Required)

Conventional grounding practices, such as electrically connecting Desco Statfree® Floor Finish to earth or building ground is required only for applications of floor finish that are less than 50 square feet. For applications that are greater than 50 square feet, grounding is not required. The capacitance of large installations of Statfree® Floor Finish is vastly greater than the capacitance of the human body. This enormous difference in capacitance allows the treated floor to act as a theoretical charge reservoir or natural ground. The capacitance and surface resistance of Desco Statfree® treated floors will decay a 5000 volt charge to 0 in less than 0.1 seconds when tested to Federal Test Method Standard 101C, Method 4046. Desco Statfree® Dissipative Floor Finish exceeds industry accepted static decay requirements.

Foot grounders should be used. It is recommended that foot grounders be worn on both feet. For additional information on Desco foot grounding products ask for Technical Bulletin [TB-2020](#).