ACL Staticide®

6300 Staticide® ESD Safety Shield



CLEARLY the best static protective coating for plastics that has *never* been seen!

ACL Staticide® presents a family of coatings that gives long-lasting protection and will not wash off with water as an anti-stat would. Topical anti-stats are biodegradable and need reapplication after a few weeks whereas Staticide® ESD Safety Shield provides dependable protection by allowing static to dissipate at a safe rate regardless of relative humidity and without reapplication.

The advanced formulas are blended from durable polymer materials that are safe to use in ESD controlled environments where contamination is a concern. These single-coat systems are flexile enough for soft plastics like tubing, clamshell protective packaging, carrying trays and lids, and they dry with a see-through clarity that surpasses any ambient-cure coating on the market.

Easy to apply, Staticide® ESD Safety Shield can be brushed, dipped or sprayed, and provides excellent adhesion to a variety of plastics without any special cure treatment.

Defend your plastic parts, bins and shelving against static with Staticide® ESD Safety Shield because when it comes to static, **ACL has you covered.**

Features

- **Humidity independent**
- **Coverage (flow coat): 600 sq. ft. / gallon @ 1.5 mil dry (est)**
- **No contaminants; no silicone or chlorides**
- **Compliant: Meets MIL B-81705 for static decay**
  Meets ANSI ESD S20.20 for static dissipation
- **No restricted REACH or RoHS substances**
- **Superior adhesion; sticks to most plastics, glass, and metal**
- **Surface resistivity: 10^6 to 10^9 ohms per square**
- **Translucent: 93-96% T measured by UV spectra**
- **Water-based acrylic coating**

Instructions:

Pretreatment: Clean surface with isopropyl alcohol to remove dust and prevent specking. Preheat parts at 140 - 175°F (60-79°C) for better coverage (optional).

Application: Ideal conditions for applying coating are 60-75°F (15-23°C) and 30 - 40 % RH. Apply coating using a HVLP sprayer, polyurethane foam brush, flow-coating system, or by dipping. Coating will be dry to touch in 2 hours (7 days for full cure).

Treated parts can be force-air dried at 175-195°F (79-90°C) for 15 – 30 minutes in an oven (optional). Clean applicator tools with water immediately after use.

Ideally, machined-through features such as screw holes, tap holes, and oval slots should be machined after treatment. Test plastics before use.

Maintain coated surface with 6001 Mat & Table Top Cleaner. See SDS before use.

Product #6300S *4oz*
Product #6300Q *Quart*
Product # 63001 *Gallon*

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ACL Inc. registered to ISO-9001 : 2015
Certificate NO. 10002746