



TECHNICAL DATA SHEET #19

## **ESD F-611 C-950** *Static Dissipative*

**Solvent Based Coating  
FOR INDUSTRIAL USE ONLY**

### **DESCRIPTION:**

F-611 C-950 is a **static dissipative** synthetic rubber coatings that exhibits durability, flexibility and strength.

F-611 C-950 can be applied to polyethylene, X-Link PE and EVA foams as well as to many plastics such as ABS. Typical applications are foam packaging, case inserts and specialty products where ESD safe surfaces are needed.

### **OTHER FEATURES INCLUDE:**

Excellent flexibility, scuff resistance [eliminated FOD], cushioning and non-skid properties.

### **SPECIFICATIONS:**

Solids: (wt.) 29%

Temperature use range: -30°F to 200°F

Block Resistance: 4hr @ 140F

**Conductivity: 10/7-10/9**

Shelf life: 1+ years at 77°F unopened container

Coverage: 90 sq.ft. per gal at 5 mil

Finish: satin

Chemical resistance: ASTM D-1308

Acids, alkalines, moisture: excellent

Petroleums: limited

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**SURFACE PREPARATION:  
MIX WELL BEFORE USE.**

All surfaces to be coated must be free of any oils, dust or loose foam particles.

**USE ADEQUATE VENTILATION.**

**SPRAYING: Pressure pot/conventional sprayers** may be used. Dilute with recommended thinners 20-50% as needed. Gently mix before spraying. Apply wet, overlapping coats holding gun 6"-12" from surface using a 4"-6" pattern. Allow 10-20 minutes dry time before applying additional coats to desired thickness.

**RECOMMENDED EQUIPMENT AND SETTINGS:**

Binks® model 2001/95 gun

Nozzle: 66SS

Cap: 66SD (20-30% dilution) for heavier build up

Needle: 565

Material: 20-25psi

Atomization: 15-25psi

Dilution: as needed

Clean up: Toluene, Naphtha or Xylene

**Industrial/commercial airless equipment** may be used. Use as described above.

Tip size: .011-.019

Pressure: as needed

Dilution: 20-30%

**DIPPING:** Dilute with recommended thinners up to 30% as needed. Gently mix before each use. Do not introduce air bubbles. Insert item 1" every 5 seconds. Remove at same rate. Allow 30-40 minutes (dry to the touch) before applying additional coats to desired thickness.

**BRUSHING:** Dilute with recommended thinners up to 30% as needed. Gently mix before each use. Apply wet, overlapping coats using a soft natural bristle brush. Allow 10-20 minutes (dry to the touch) dry time before applying additional coats to desired thickness.

**HINTS:**

Recommended thinners: Toluene, Naphtha or Xylene. A dry film thickness of 5-7 mils is recommended for best results. Approximate dry film thickness per coat: dipping 6-8 mils; brushing, 4-5 mils; spraying, 2-5 mils. Allow overnight drying whenever possible. When using a dip tank, allow 6" minimum from fluid surface to tank top to avoid "skinning over". Avoid excessive air movement, heat or humidity. Always use proper ventilation and protection.