



TECHNICAL DATA SHEET # 20

# ***ESD F-908 C-975*** *Conductive*

**Water Base Coating  
FOR INDUSTRIAL USE ONLY**

**DESCRIPTION:**

F-908 C-975 is a water base **conductive** vinyl coating used for coating EVA, PVC, minicell foams, polystyrene, ABS plastics, corrugated or fluted plastics where ESD safe surfaces are needed.

**OTHER FEATURES INCLUDE:**

Excellent flexibility, scuff resistance [eliminates FOD], cushioning and non-skid properties.  
Non-flammable, very safe  
Very low VOC's

**SPECIFICATIONS:**

Solids (wt): 47%

Temperature use range: 0°F to 120°F

Block Resistance:

**Conductivity: 10/0- 10/4**

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

Coverage: 150 sq. ft. per gal at 5 mils

Finish: Satin

Chemical resistance: ASTM D-1308

Acids, aliphatics, alcohols: Good

Aromaticis, glycols: Fair

Ketones: Poor

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**SURFACE PREPARATION:**

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

**USE ADEQUATE VENTILATION. GENTLY MIX BEFORE EACH USE.****SPRAYING:**

Apply wet overlapping coats to desired film thickness. Multiple coats can be applied. Allow adequate dry time between coats or handling.

**Pressure Pot recommendations:**

Binks® model 2001/ 95 gun or equivalent

Nozzle: 66SS

Cap: 66SS

Needle: 565

Material: 20 psi

Atomization: 10-25 psi

Dilution: not recommended

Clean up: immediately with water – if allowed to dry, use Acetone or M.E.K.

**Airless or air assisted airless equipment may be used.** Dilution is not suggested. Gently mix before spraying. Apply wet, overlapping coats, holding gun 12"-24" from surface, using 6"-12" pattern. Allow to completely dry before recoating or turning item over.

Tip size: .011-.026

Pressure: as needed

Dilution: not recommended

Clean up: immediately with water – if allowed to dry, use Acetone or M.E.K.

**HINTS:**

A dry film thickness of 5-7 mils should be used on all items; 8-10 mils on high wear items. Allow at least an overnight dry before stacking or storing coated items unless you've accelerated drying with heat. After allowing to air dry for 30 minutes, a recommended heat for drying is 100°F-150°F with moving air. Always use proper ventilation and protection.