

# PLASTI DIP®

## MULTI-PURPOSE RUBBER COATING

### DESCRIPTION:

PLASTI DIP® is an air dry, synthetic rubber coating that can be easily applied by spraying, brushing or dipping. PLASTI DIP® resists moisture, acids, abrasion, weathering, electrical shock, skidding/slipping, corrosion; coats and gives a comfortable, controlled, color coded grip to all types of tools; lawn and garden, mechanical, electrical, woodworking and masonry. PLASTI DIP® can also be applied to:

Wood: seals and protects from weathering and prevents splinters.

Metal: reduces vibration, deadens sound, prevents corrosion, insulates electrically and from extreme temperatures.

Glass: shatterproofs glass objects (available in clear).

Rope/Fabrics: weatherproofs, prevents rotting and fraying.

Plastics: protects delicate surfaces from scratches.

Rubber: weatherproofs, wear resistant.

Maps: weatherproofs, tear resistant (available in clear).

### SPECIFICATIONS:

Solids: (wt.) 24%

Tensile: (ASTM D -638) 3,740psi

Elongation: (ASTM D -638) 430%

Cut resistance: (ASTM D -1044) very good

Stone abrasion: (ASTM D -3170) excellent

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

Chemical resistance:

acids, alkalines, pollutants: excellent

petroleum: limited

Durometer: shore A (ASTM D -2240) 70

Salt spray: (ASTM B -117) passed 1,000 hours

Weatherability: (ASTM G -53) 3-5 years: PLASTI DIP

7 -10 years: PLASTI DIP U.V. Stable

Temperature use range: -30°F to 200°F.

Viscosity range: 80 – 100 K.U. @ 77°F (+/- 2°F)

Permeability: (ASTM E -96) .03 grains/sq. ft./hr.

Coverage: 30 sq.ft. per gallon at 15 mils

Dielectric: (ASTM D -149) 1,400 v/mil

### ALTERNATIVE PRODUCTS:

For a water base alternative see HCFeccs® technical data sheet

### SURFACE PREPARATION:

#### MIX WELL BEFORE USE.

All surfaces to be coated must be free of all oils, grease, dirt, wax and loose rust. A sandblasted or rough surface improves adhesion. Use PLASTI DIP® PRIMER on all metals for best results.

### USE ADEQUATE VENTILATION.



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**SPRAYING:** Pressure pot may be used (siphon cup not recommended). Dilute with recommended thinners up to 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:**

Gun: Binks® model 95  
Nozzle: 63B  
Needle: 663A  
Material: 20 -25psi  
Atomization: 15 -25psi  
Dilution: as needed  
Cap: 63PB (up to 50% dilution) or 66S D (up to 50% dilution) for heavier build up.  
Clean up: see recommended thinners.

**SPRAYING:** Airless equipment may be used. Use as described above.

Tip size: .011 - .019  
Pressure: as needed  
Dilution: up to 50%

**DIPPING:** Dilute with recommended thinners up to 25% 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) dry time before applying additional coats to desired thickness.

**BRUSHING:** Dilute with recommended thinners up to 25% 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: PLASTI DIP ® THINNER, Toluene or VM&P Naphtha. A dry film thickness of 12 -15 mils is recommended for best results. Approximate dry mil thickness per coat, dipping 6 -8 mils; brushing 4 -5 mils; spraying 2-5 mils. **Allow 4 hours dry time per coat before use.** 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.

## ADDITIONAL APPLICATION IDEAS

Transformers	Cables / Straps
Rope	Wood
Joy Sticks	Circuit Boards
Electrical Boxes placed on the ground	Magnets
Stove/Oven handles	Fabric
LaCrosse Sticks/Nets	Astro Turf
Food Grade Barrels	Crutch Handles
Control Boxes	Relay Electric Wench
Metal Grates	Sharp edges
Pumps	Hand Tools
Valves / Actuators	Curtains
Pulleys & Rings	Clips
Poles	Glass
Underground tanks	Pipes
<b>Hardware &amp; Metal surfaces to prevent electrical discharge &amp; sparks</b>	

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