RUBBER DIP
Multi-Purpose Rubber Coating

Description:
Rubber Dip is an air dry, synthetic rubber coating that can be easily applied by spraying, brushing, or dipping. Rubber 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. Rubber 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
- Viscosity range: 80 – 100 K.U. @ 77°F (±2°F)
- Chemical resistance:
  - acids, alkalines, pollutants: excellent
  - petroleums: limited
- Durometer: shore A (ASTM D -2240) 70
- Salt Spray: (ASTM B -117) passed 1,000 hours
- Weatherability: (ASTM G -53) 3 - 5 years: F820
  - 7 – 10 years: F820 U.V. Stable
- Ideal application temperature: 68°F - 70°F
- Cured temperature use range: -30°F to 200°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. Al sandblasted or rough surface improved adhesion. Use F938 H.P. Primer on all metals for best results.

USE ADEQUATE VENTILATION

Plasti Dip International
3920 Pheasant Ridge Drive
Blaine, MN  55449
Phone:  800-969-5432
Fax:  763-785-2058
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 – 12 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 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 touch) dry time before applying additional coats to desired thickness.

HINTS: Recommended thinners: F740 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:
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