



Instructions for Application of UniCoat PSP in an Aerosol Can

(Product ID: UNC-12)

Warning! Use with adequate ventilation or appropriate respiratory protection. This product is flammable; do not spray near flame, heat, or sparks. This product contains solvents and propellants that may damage some plastic surfaces.

Directions:

1. Clean the model, calibration coupons, and a small test piece. We suggest acetone or alcohol on wipes.
2. Hold the can firmly and shake vigorously for 60 seconds. Swirl the bottom of the can to ensure that the ball is traveling freely.
3. Test your spray method on a test piece of metal. Keep the can about 18 inches (46 cm) away from surface while spraying.
4. Over the bare metal surface of the test piece, apply about 5 to 7 (very light) cross coats. Cross coats means working from left to right/right to left while moving down the model, then work back up left to right/ right to left. This constitutes one coat. The next coat is applied top to bottom/ bottom to top in a similar manner. For best results, apply light coats, allow paint to dry between coats (~10 sec.), and STOP when you have good coverage.
5. Before storing spray can, spray with the can inverted for 10 seconds or until only clear propellant emerges from the can. This will keep the nozzle clear.

Storage & Care:

Photo-degradation of the paint in liquid form can occur if exposed to light. Store paint bottles and cans in a location away from room lighting or ambient lighting. Recommended locations are in a cabinet or locker that is located in an indoor climate controlled area. Keep this flammable material away from heat, sparks, flames, or other sources of ignition.

Once a surface is painted, keep out of room lighting or ambient lighting when not in use, storing the model in a locker or covering carefully to avoid scratching. Do not touch the model once painted. Oil from the skin can penetrate the painted surface causing permanent damage. If the model must be handled after painting, use latex or nitrile gloves, careful not to scratch the painted surface.

Most common reasons for UniCoat paint failure:

1. Rash or Spots.

Can was not shaken as described. The failure will look like a skin rash. You will see small areas where the aerosol-can-propellant will "displace" the paint. This is difficult to cover with more layers.

2. Runs or Sags.

This is generally caused by applying a heavy or wet coat. Use lighter coats, move the can away from the surface, or move the can over the surface faster.

3. Grease or oil on surface.

May not notice this by eye, but the temperature and pressure sensitivity of the paint will be compromised. Clean and repaint.

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