

# Instructions For Application of Urethane TSPs Product

## Number: CCTR-\*\*\* & CCTE-\*\*\*

**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.

**Important!** This paint is for measurement purposes and should not be touched with bare hands where oils could potentially contaminate the painted surface and affect the performance of the paint.

### **Directions:**

1. Clean the model, calibration coupons, and a small test piece with alcohol or acetone on wipes.
2. The Urethane TSP is shipped in 2 parts. First, determine how much paint you wish to spray on the model and remove half of this volume from part A. The mixing ratio is 1 to 1, so add the same amount of part B to part A. Once part A and B are measured together in a jar, put a lid on and shake the jar very well. Ideally, the paint in its container may also be partially submerged in an ultrasonic bath (cleaner) filled with water for a few minutes to enhance mixing.
3. Pour the paint into the gun without filtering or straining. Thinning the paint is generally not recommended and ISSI will not warranty any paint once it has been thinned. However, the paint can be thinned with a small quantity of distilled water. Beware that too much will cause the paint to bead and adhere poorly.
4. Best results are achieved with a high volume low pressure (HVLP) spray gun. It produces less over spray, an overall smoother surface, and is easier to clean. Set the gun pressure to approximately 30 psig (200 kPa) and turn the siphon rate adjustment completely off. Open the siphon rate adjustment up until a light mist of paint is achieved from the nozzle of the spray gun when painting. The distance of the spray gun from the surface should be around 12 inches (30 cm). Some initial practice using inexpensive paints or some solvent will improve the results for novice painters. When ready for the base layer, apply a few quick passes with the spray gun until the surface is uniformly white and disassemble and clean the spray gun under the water tap immediately to prevent the base layer from setting in the spray gun. Let the surface dry at room temperature for 1 hour.

### **Removal of PSP from surfaces:**

Acetone on wipes works best for metal surfaces, but will damage most plastic surfaces.

Please contact ISSI if you have any paint questions,  
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