



# AXON PRODUCTS

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## WOOD TECHNICAL DATA

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### UST-907 HIGH SOLIDS POLYURETHANE GLOSS TOPCOAT

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This clear polyurethane gloss topcoat is for the manufacturer who desires a high-end finished product. Great durability, chemical resistance, flexibility, hardness, and reparability characterize this sealer. It is high solids topcoat with excellent build.

#### MIXING AND APPLICATION INSTRUCTIONS

1. Mix one part **UST-907** High Solids Polyurethane Sealer with one part **USC-903** Polyurethane Catalyst by volume. Allow the mixture to sit for 15 - 30 minutes. Once catalyzed, the mixture has a two to four-hour pot life.

The material may require up to 15% reduction with 2:1 mix of **RED-926 and RED-914** Solvent Reducer to maximize flow.

If spraying in hot temperatures (over 90°F), the material may require up to 15% reduction with **RED-914** Solvent Reducer to maximize flow and avoid dry spray.

Mixed viscosity should be 16 - 17 seconds on #2 Zahn.

2. Before spraying a full wet coat (3-5 mils.), a "tack" coat can be applied. This is a very, very thin coat of sealer applied to the part, particularly on vertical surfaces, and allowed to "flash-off" for a minute or two prior to applying the full coat. This step helps prevent sags and runs on vertical surfaces.
3. Additional coats may be applied between ten and thirty minutes after the previous coat. It is important to note that the part must be sanded if thirty minutes has been exceeded. This is to insure proper intercoat adhesion.
4. This polyurethane sealer will be "tack-free" in approximately ten minutes and will be sufficiently cured to handle in 1 to 1½ hours, depending on room temperatures. A "Hot Box" of up to 110°F may be used to accelerate cure but should never exceed 110°F. Very fast moving air over the part while still wet should be avoided.
5. It is recommended this product be allowed to cure for 24 hours prior to sanding, to minimize post shrinkage. 320 grit sandpaper or coarser should be used to insure excellent topcoat adhesion.