

## UC1 UTILITY CLEARCOAT

## PRODUCT DESCRIPTION

UC1 Utility Clearcoat is a medium solids two component, 2 coat acrylic urethane coating. It is a high production clearcoat that can be used for overall or spot applications. It can be applied undiluted or reduced. It has good flow and non-sag properties. It hardens rapidly to give a high build U.V. resistant coating. It has excellent gloss and long term durability. It can be air dried, low baked or I.R. cured. It can be easily polished once cured.

## FEATURES:

1. Water clear will not change the color of the basecoat.
2. Apply over all urethane basecoat systems.
3. Easy to polish once cured (10 hours @ 70F.)
4. Use as an overall or spot repair clear

## MIXING INSTRUCTIONS :

Clear = 4 parts

Activator= 1 part

UCFA – Fast activator – 55 to 65 F.

UCMA – Medium activator – 65 to 75F.

UCSA – Slow activator – 75 to 90 F.

Note: UC1 can be reduced up to 5% with a quality grade urethane reducer.

## BASECOAT COLOR:

Apply basecoat color as per manufacturer's instructions. Be sure to allow correct flash times for best results.

**APPLICATION:**

1. Select appropriate activator. See mixing instructions.
2. 28 psi at the gun with HVLP gravity guns.
3. 1.3mm to 1.5mm fluid tip and cap with HVLP gravity gun.
4. Apply 2 full wet coats. Note: Clear will atomize better and lay flatter when using a smaller fluid nozzle. We recommend 1.3 or 1.4mm.
5. Allow 5 to 10 minutes flash time between coats.

**BLENDING:**

1. Be sure blend area is properly prepared with a gray scuff pad or a compound for blending and thoroughly cleaned with a pre paint cleaner. Make sure all compound residue is removed.
2. Apply a wet coat of clear several inches beyond the painted area. Let flash 5 minutes.
3. Apply a second wet coat of clear several inches beyond the first coat.
4. Reduce the remainder of the clear 100% with urethane reducer.
5. Reverse blend reduced clear back into repaired area. **SPRAY VERY LIGHTLY ON CLEAR EDGE ONLY.**

**CLEANING:**

Use a good quality lacquer thinner or urethane reducer to thoroughly clean all equipment. Do not leave activated clear in the spray gun longer than 4 to 6 hours.

**FORCE DRY:**

1. Allow the booth to purge for 5 minutes after final coat.
2. Bake at 140 F. for 30 minutes.
3. Allow at least 1 hour cool down before wet sanding.

#### SANDING:

1. Wet sand with 1200 grit or finer sandpaper.
2. Sanding and buffing is much easier when done within 48 hours.

#### BUFFING

1. Buff according to desired appearance after 5 hours.

#### ACCELERATION

UC1 can be accelerated with any urethane grade accelerator. Be sure to follow all manufacturers' instructions when accelerating clears as individual instructions differ.

#### TECHNICAL DATA:

Coating Type:	Acrylic urethane
Color:	Water clear
Catalyst:	UCFA, UCMA, UCSA
Mix ratio:	4 parts clear to 1 part activator, reduction optional (up to 5%)
Viscosity:	19 to 22 seconds #2 Zahn ready to use solids 34.8%
Recommended film build:	1,000 – 1500 microns
Dry Times:	
Dust free-	< 20 minutes
Wet sand-	minimum 5 hours
Tack free-	< 20 minutes
Recoat window-	Up to 8 hours, then sanding required.
Thorough air dry-	4 to 6 hours
Thorough bake-	30 minutes
Thorough I.R. dry-	15 minutes.

