



Low Gloss 2K PolyUrethane Clearcoat

UC-44 Series

Description

Our UC-44 Series is a two component polyurethane clearcoat that has been preflattened to provide a durable, low gloss finish for a sleek low sheen look. This clear is available in 4 gloss sheens including Flat, Matte, Satin, and Semi-Gloss giving you more options than any other automotive paint company. Apply over any UreChem® base color for your own unique look that stands out from the crowd. This product is not for sale in areas that require low VOC automotive finishes.



Safety

Read all SDS, and label warnings before using this product. For professionally trained painters using proper personal protective equipment. When mixed with other products this product will have hazards of all components. Keep away from extreme heat, sparks, open flames or any other potential ignition sources. Wear all personal protective equipment including the recommended respirator, gloves, and protective eyewear at all times including when opening, mixing/pouring, and applying material. When mixed for use this product contains isocyanates. Persons who have experienced reactions or sensitivity to isocyanates should not use or be exposed to this product. **KEEP OUT OF REACH OF CHILDREN.** In case of chemical or medical emergency call ChemTel 24/7 at 1-800-255-3924 and/or 911.



Components

UC-44F	2K Flat Polyurethane Clear	AUC-56	<i>Optional Accelerator</i>
UC-44M	2K Matte Polyurethane Clear	AFE-52	<i>Optional Fisheye Additive</i>
UC-44S	2K Satin Polyurethane Clear	ARE-66	<i>Optional Retarder</i>
UC-44SE	2K Semi-Gloss Polyurethane Clear		
UA-040/41/42	UA Series Activator		



Substrates/Undercoats

Apply over UreChem® basecoats, or cured properly prepared 2K automotive paint surfaces (sanded 600 grit then cleaned).



Mixing Instructions

Start by scraping the bottom of your UC-44 clear can (shaking alone may not be effective) with a paint stick and mixing to re-incorporate any matting agents that may have settled. Once the clear is mixed well combine 4 parts clear with 1 part UA-040, 041, or 042 urethane activator by volume. Gently mix then filter through a fine paint filter into your spray gun. Mix only enough that can be used within a 1 hour period.



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Additives

See mixing instructions section for main component mix ratios. If fish eyes are observed a 1/2 ounce per sprayable quart of AFE-52 may be used. For enhanced cure in cooler climates 1/2 oz of AUC-56 per sprayable quart may be used but will shorten pot life. 2 ounces per quart of ARE-66 retarder can be used in extreme heat climates to extended flash and flow times.



Application/Suggested Gun Settings

Apply 3-4 medium-wet to wet coats using 75% overlap at a gun distance of 6-10 inches. Allow to flash 15 min. between coats. Guns should be equipped with 1.3 -1.5 mm tips and set for 20-26 psi (trigger pulled) for typical HVLP guns. Fluid settings of 3-5 turns out from hand tight is a good starting point. Gun settings are suggested starting points and adjustments to your specific equipment and spray style are often required. Spray test panels to check effect and adjust as needed.



Flash/Dry Times @ 75F

Flash Between Coats	15 minutes
Dry to sand/polish	Can Not Be Polished
Dry to tape/recoat	2 hours (apply light coats when recoating)
Dry to water/fog/dew exposure	24 hours



Cleanup

Clean equipment immediately after use. UreChem® urethane reducer, lacquer thinner or acetone are commonly used cleaners that are suitable for cleaning up after this product. Check local regulations to ensure compliance.



Select Tips/Best Practices

- Do not apply if dew, fog, or rain is present outside or will be shortly after spraying
- Always spray a test pattern and adjust as needed before proceeding to painting.
- Always mix the clear with a paint stick before pouring to re-incorporate matting agents
- Spray wet, even coats to avoid striping and/or blotchy appearance.
- Install and maintain water/moisture reducing traps and filters in your air systems
- Make sure your shop air is able to provide at least 25% more CFM than equipment specifies

The descriptions, recommendations, and data presented herein are provided for your guidance to the best of our ability. No warranties of an kind, either expressed or implied, including warranties for merchantability or fitness for a particular purpose are made regarding these products unless otherwise provided in writing and signed for by an officer of Bayou Innovations, LLC. Bayou Innovations, LLC assumes no obligation or risk or liability for use as directed herein or otherwise.