



Low VOC MS 2K Polyurethane Clearcoat

UC-421

Description

UC-421 is a low VOC, medium solids, 2K polyurethane clearcoat designed for ease of application, good flow and leveling, quick dry times, and easy polishability. UC-421 is suitable for spot, panel, and overall refinishing. This clear is compliant for use in low VOC markets including California, Maryland, and Delaware



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.



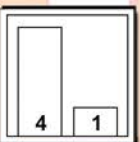
Components

UC-421 ...	Low VOC MS Polyurethane Clear	AUC-56	Optional Accelerator
UA-040 ...	Fast Urethane Activator	AFE-52	Optional Fisheye Additive
UA-041 ...	Standard Urethane Activator	ABS-10	Optional Blender
UA-042 ...	Slow Urethane Activator	ARE-66	Optional Retarder



Substrates/Undercoats

Apply over UreChem brand basecoats, EyeKandy Candies, or UreChem Intercoat clears. May also be applied over UreChem 2K finishes and cured OEM 2K automotive paint surfaces provided they have been scuffed with P600-P800 grit and then cleaned with ChemKlean surface cleaner



Mixing Instructions

Must be mixed with activator for use. Mix 4 parts UC-421 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. Additional reduction may be required for use in an air brush application. This product has a pot life and only enough product should be mixed that can be used within 30-45 minutes. Choose activator based on the size of the object being painted and the temperature of the part and air at the time of painting.



Low VOC MS 2K Polyurethane Clearcoat

UC-421



Additives

See mixing instructions 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 50% overlap at a gun distance of 6-10 inches. Allow to flash 10-15 minutes between coats. Do not allow product to dry tack free between coats. Guns should be equipped with 1.2-1.5 mm tips and set for 40-55 PSI for conventional guns or 22-30 psi (trigger pulled) for typical HVLP guns. Fluid settings of 3-4 turns out from hand tight are 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 (do not allow to dry tack free)
Dry to sand/polish	24 hours
Dry to tape/recoat	24 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
- Never allow to dry to tack free between coats. If allowed to dry to a tack free surface you must wait 24 hours then scuff lightly before applying additional light coats followed by medium wet to wet coats to prevent lifting reactions.
- Always spray a test pattern and adjust as needed before proceeding to painting.
- Avoid paste waxes and car washes for the first 30 days. Professional polishes and liquid waxes as part of polishing process are ok after 24 hours. Use clean, soft microfiber cloths.
- Apply extra coats if you plan to do heavy wet sanding and polishing
- Install and maintain water/moisture reducing traps and filters in your air systems

The descriptions, recommendations, and data presented herein are provided for your guidance to the best of our ability. No warranties of any 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.