PRODUCT DATA SHEET
High-Solids Urethane Clear Coat

SUITEABLE SUBSTRATES
Summit one-step Acrylic Urethane Top Coat colors
Properly prepared factory finishes
Other properly prepared base coat color systems

PREPARATION
Ensure all surfaces to be clear coated are clean and free of debris. If applying clear over existing factory finish or a recently-applied paint that is past its recoat window, thoroughly clean surface with a combination of soap and hot water, then rinse well and dry.

Use SUM-UP404 Wax & Grease Remover over entire surface to eliminate any traces of wax, grease, oil and other possible contaminants. Use a clean, dry towel to wipe solvent off surface.

Abrade entire surface area with 400-600 grit, feathering out any portions where bare metal has been revealed. Be sure to prime and paint these spots before clearing the vehicle.

Reclean entire surface with SUM-UP403 Surface Wash to completely remove all sanding debris before applying clear.

DIRECTIONS FOR USE
SUM-UP200 High-Solids Urethane Clear Coat is designed for automotive refinish use.

Do not shake clear coat. Mix four parts SUM-UP200 with one part of the appropriate Urethane Activator and one part of the appropriate Urethane Reducer (4:1:1) depending on temperature and other conditions at the time of application:

ACTIVATORS
SUM-UP100 (Fast)  Low-temp (Below 70° F)
SUM-UP101 (Medium) Mid-temp (70° F - 80° F)
SUM-UP102 (Slow) High-temp (Above 80° F)

REDUCERS
SUM-UP400 (Fast)  Low-temp (Below 70° F)
SUM-UP401 (Medium) Mid-temp (70° F - 80° F)
SUM-UP402 (Slow) High-temp (Above 80° F)
SUM-UP405 Zero-VOC Reducer

For maximum build, use less reducer.

All components should be thoroughly mixed together before proceeding. Ensure all containers are closed tightly after each use.

Activated mixture has a potlife of approximately two to three hours at 70° F.

This High-Solids Urethane Clear Coat may be integrated into Summit Racing Equipment’s one-step acrylic urethane top coat colors for improved gloss and durability. The additional clear solids also may make the surface of the film easier to polish.

SUM-UP200 is completely compatible with all of Summit Racing Equipment’s one-step acrylic urethane top coat colors. These two systems may be mixed at any ratio, as long as the final volume is activated at the proper 4:1 ratio with SUM-UP100, SUM-UP101 or SUM-UP102, depending on temperature and other conditions at the time of application.
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GUN SETTINGS
For additional details about tip sizes, air pressures and other adjustments that may be worth considering, please refer to specific gun manufacturer’s technical information.

<table>
<thead>
<tr>
<th>HVLP GUNS</th>
<th>CONVENTIONAL GUNS</th>
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<tbody>
<tr>
<td>1.3 mm—1.5mm tip</td>
<td>1.4mm—1.8mm tip</td>
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<tr>
<td>8-10 psi (output)</td>
<td>45-55 psi</td>
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APPLICATION
Apply High-Solids Urethane Clear Coat in two medium wet coats, allowing at least 10 minutes flash time between each coat. If more than one hour has passed, wait at least four hours, but no more than 18 hours to apply second coat.

Due to the high-solids nature of this system, applying more than two coats at one time is not recommended. For best results, allow clear to cure for a day or more, then abrade surface before applying additional coats.

Keep in mind, after 18 hours, surface of clear must be abraded prior to recoating.

DRY TIMES / RECOAT
FLASH TIME: Allow at least 10 minutes
DUST FREE: Allow 10 minutes
TAPE: Allow 8 hours
POLISH: Allow 18-24 hours
CURE: Allow 18-24 hours

All times above are approximate, at 70° F. Dry times will be shorter at elevated temperatures and longer at reduced temperatures. Additional factors including elevation, airflow and film thickness also should be considered.

CLEANUP
Close all containers tightly after each use. Cleanup with gun wash or other appropriate solvent products to prevent damage to spray equipment.

High-Solids Urethane Clear Coat may be used for several years after the actual date of manufacture as long as it is properly stored at a consistent temperature.

Isocyanate activators, however, such as SUM-UP100, SUM-UP101 and SUM-UP102, have a limited shelf life once opened. Seals should be cleaned and cans sealed tightly after each use. Activators should be used within one month from the date the can is first opened.

SANDING / POLISHING:
Wait until the day after application to begin sanding clearcoat to remove debris or surface imperfections, using 1500-grit wet or finer. Use 1200-grit or finer if 1500-grit is not enough to remove imperfections or knock down orange peel. Next, wet sand surface with 2000-grit to take up any remaining 1500-grit scratches. Finally, move on to compounds and buff with a finishing glaze.

Wait at least one month before applying any type of wax to the surface (longer in cooler conditions). Wait at least several days before washing vehicle. Take care to avoid any harsh detergents or soaps.

PERSONAL HEALTH / SAFETY
THIS PRODUCT IS INTENDED FOR USE BY PROFESSIONALS UNDER CONTROLLED CONDITIONS.

It is not intended for sale to the general public. Keep out of reach of children and pets.

Be aware, this system includes multiple components. It will not work if all components are not used as directed. Before opening any containers, read and understand all warning statements on all labels, as mixture will have hazards of all system components. Follow all precautions.

At a minimum, the following personal safety measures should be taken:

- Apply this material only in a well ventilated, controlled spray-booth environment with sufficient air flow and explosion-proof electrical connections.
- Wear an appropriate, properly fitted respirator (NIOSH-approved) during and after application, until all organic solvent vapors and spray mists are exhausted. Wear splash goggles, impervious gloves and protective clothing when mixing and spraying materials.
- Refer to Material Safety Data Sheet for more information.

WARRANTY
This product is manufactured of first-class materials. Directions for use of this system are based on tests, information and experience believed to be reliable. Neither manufacturer nor seller has control over the methods and/or conditions of use or actual application of product. It is the responsibility of the user to determine the suitability of product for intended use. Product warranty shall be limited to the replacement of defective materials only. No other warranty is expressed or implied.