PRODUCT DATA SHEET
Chassis Shield

SUITABLE SUBSTRATES
- Bare metal
- Properly prepared chassis finishes

PREPARATION
Though Chassis Shield may be applied over other well-cured chassis paints, it is most effective when used in a direct-to-metal application.

For application over bare metal, make sure all surface areas are media blasted clean, stripped and/or abraded with 180-grit for proper adhesion. Blow own area with compressed air and reclean with Surface Wash (SUM-UP403) to completely remove all sanding/basting debris.

For application over existing finishes, clean surface with a combination of soap and hot water, then rinse well and dry. Use Wax & Grease Remover (SUM-UP404) to lift any traces of wax, grease, oil and other contaminants that may be present on the surface. Use a clean, dry towel to wipe solvent off surface while still wet.

Abrade entire surface area, completely removing any loose paint or portions of the film that demonstrate compromised adhesion and/or evidence of corrosion. Feather out any portions where bare metal or primer has been revealed.

Reclean with Surface Wash (SUM-UP403) using the same wipe on, wipe off method to completely remove any sanding debris.

DIRECTIONS FOR USE
Chassis Shield Part A should be thoroughly agitated prior to opening the can. After shaking, paint should be stirred to ensure all pigments that may have settled during storage are brought back into suspension. Once stirred, can should be closed and shaken again.

COMPONENTS
<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUM-UP500Q</td>
<td>Chassis Shield (Satin)</td>
</tr>
<tr>
<td>SUM-UP501Q</td>
<td>Chassis Shield (Semi-Gloss)</td>
</tr>
<tr>
<td>SUM-UP502Q</td>
<td>Chassis Shield Catalyst</td>
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</tbody>
</table>

MIXING
Mix one (1) part Chassis Shield Part A with one (1) equal part of Chassis Shield Catalyst (SUM-UP502). No induction time is required.

For maximum film build and optimal surface protection, do not add reducer.

If desired for improved flow (especially when applying by brush), reduce by up to 10% with one of the following:

<table>
<thead>
<tr>
<th>Reducer</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUM-UP400</td>
<td>Low Temp (Below 70°F)</td>
</tr>
<tr>
<td>SUM-UP401</td>
<td>Mid Temp (70° - 80°F)</td>
</tr>
<tr>
<td>SUM-UP402</td>
<td>High Temp (Above 80°F)</td>
</tr>
<tr>
<td>SUM-UP405Q</td>
<td>Zero-VOC Reducer</td>
</tr>
</tbody>
</table>

Keep in mind, using any of the Urethane-Grade Reducers noted above other than SUM-UP405 will change the coating’s ready-to-spray VOC and may render the combined system above local area or state VOC limits. It is up to the user to understand how to calculate the combined system VOC.

All components should be thoroughly mixed together before proceeding. Tightly close all containers after each use.

Activated mixture will have a limited potlife (approximately 90 -120 minutes at 70°F), so only mix as much material as is needed, or can be applied, within that time.
GUN SETTINGS

HVLP Systems

<table>
<thead>
<tr>
<th>Tip Size</th>
<th>1.4 - 1.6 mm tip</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSI Output</td>
<td>8-10 psi</td>
</tr>
</tbody>
</table>

Conventional Guns

<table>
<thead>
<tr>
<th>Tip Size</th>
<th>1.4 – 1.8 mm tip</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSI Output</td>
<td>45-55 psi</td>
</tr>
</tbody>
</table>

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.

APPLICATION

When spraying, apply Chassis Shield in two (2) wet coats, allowing at least 30 minutes flash time between each coat.

When applying by brush, apply liberally to work protective coating into the surface irregularities. If required to improve flow and provide a smooth finish, Chassis Shield may be reduced by up to 10% with a urethane-grade reducer as noted on page 1.

When brushing onto the surface, a second coat may be applied in the same manner as the first after 45-60 minutes, or anytime before three (3) days. If waiting more than three (3) days to recoat, the surface should first be scuff sanded to promote sufficient adhesion.

DRY TIMES/RECOATING

Allow at least 30 minutes flash time (spray application).

Allow at least 45-60 minutes (brush application).

Paint will dry dust free after 20-30 minutes.

Wait at least one full day to handle.

All dry times are approximate, at 70°F. Dry times will be shorter/longer depending on the actual air temperature and other factors including elevation, airflow and film thickness.

CLEANUP

Close all containers tightly after each use. Clean up with Paint Gun Cleaner (SUM-UP407) or other appropriate solvent products to prevent damage to spray equipment.

WARNINGS/PRECAUTIONS

This is an abbreviated list of warnings and precautions. See product labels and/or Safety Data Sheet for a complete list of all applicable Warnings, Precaution Statements and First Aid instructions.

This product is designed 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.

Personal Protective Equipment (PPE), including a properly-fitted fresh-air supplied respirator (NIOSH-approved TC19 or equivalent), is required when handling/using this material.

WARRANTY

This product is manufactured with first-class materials. All recommendations for the use of this system are based on tests and experience believed to be reliable. It is the responsibility of the purchaser to determine the suitability of this product for its intended use. Since the methods of use, conditions of application and the application itself are beyond the manufacturer's and seller's control, product warranty shall be limited to the replacement of defective materials only. No other warranty, written or oral, is expressed or implied.

Updated 10/15/19