PRODUCT TECHNICAL INFORMATION

PRODUCT DESCRIPTION
The Ultra 9K™ Waterborne Basecoat is one of the most user friendly waterborne systems on the market. Ultra 9K™ Waterborne Basecoat Underhood Activator U9A1 is an additive for Ultra 9K™ Waterborne Basecoat to reproduce the underhood and/or doorjamb finish of many late model vehicles. The Ultra 9K™ Underhood System will improve the chemical resistance of the basecoat for non-crucial areas, while meeting 2.8 VOC regulations.

SURFACE PREPARATION
1. Sealer: Final sand repair area with P400-P600 grit or finer sandpaper.
2. Primer Surfacer: Final sand primer surfacer with P600 grit sandpaper. Dry sanding of the primer surfacer is recommended on a random orbital sander. – Do not wet sand the primer surfacer.
4. Solvent clean with appropriate Sherwin-Williams® surface cleaner and wipe dry with a clean cloth.

SUITABLE SUBSTRATES
• OEM Finishes
• Aged Refinishes
• P27/P30 Primers and Sealers

MIXING

- Recommended Potlife of reduced Ultra 9K™ Underhood System is 60 minutes.
- Incorporate U9A1 into Ultra 9K™ Basecoat with a plastic stir stick before adding hardener. Hand stir only.

NOTES
- Recommended strainer: 125 micron.
- Do not add fisheye eliminator to Ultra 9K™ Underhood System.
- 5 minutes after dropecoat application, increased airflow (i.e. Venturi) can be applied.
- Ultra 9K™ Underhood System may be dry sanded after dehydration with P800 grit or finer sandpaper to remove imperfections.
- Note that the addition of the Ultra 9K™ Underhood Activator can cause a slight shift in color difference.
- Ultra 9K™ Underhood System is not recommended for use on the exterior of the vehicle.

BASECOAT APPLICATION
- Apply Ultra 9K™ Underhood System wet-on-wet.
- Adhere to the outlined spray gun settings for optimal sprayability and color match.
- Dehydrate basecoat till hand slick prior to dropecoating.
- Refer to the Ultra 9K™ spraygun chart for individual Spraygun settings.
- Immediately clean spraygun after use with 4600800 Premium Waterborne Spraygun Cleaner.
WET-ON-WET APPLICATION METHOD

Preferred application method: provides better metal control, speed, ease of application and material transfer.

- Tack Coat
- Dehydration
- 1st coat: Full Wet Coat (Coverage Coat)
  - No Dehydration – Immediately followed by
- 2nd Coat: Medium Wet Coat (Orientation Coat)

*Note: Back spray gun 2” as compared to 1st full coverage coat.*
- Dehydration (hand slick)
- Drop Coat

*Note: Double distance, half the pressure*

Troubleshooting
Blotchy after 1st coat → Proceed with orientation coat
Streaky after 1st coat → Dehydrate and repeat 1st full coverage coat
Blotchy after orientation coat → Repeat orientation coat

*Do not correct metal control with multiple dropcoats*

Basecoat Reccoat

- To avoid surface contamination it is recommended to apply additional coats (if desired) within 24 hours, preferably same day.
- Beyond 24 hours it is advised to sand area with P400-P600 grit or finer sandpaper.
- Clearcoat should not be applied when using the Ultra 9K™ Underhood system.

Drying Schedule
Dehydration times between coats of the Ultra 9K™ Underhood System to are dependent on temperature, humidity, and airflow. The use of Venturi and heated air diffuser equipment will shorten dehydration times. Ultra 9K™ Underhood System must be hand slick prior to application of the dropcoat.

Personal Protection

- Read label, directions, and MSDS before use and refer to MSDS for specific information
- Wear a NIOSH approved organic vapor respirator when using this product
- Wear a NIOSH approved dust particulate mask when sanding, mixing or applying this product
- Keep product, paint and overspray off of the skin, wear goggles, coveralls, and chemical protective gloves when using this product.
### ULTRA 9K™ Waterborne Basecoat INTERMIX COLOR PREFIX U9K

<table>
<thead>
<tr>
<th>1-PART</th>
<th>20%</th>
<th>6%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultra 9K</td>
<td>U9A1</td>
<td>U9H1</td>
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| Volatile Organic Compounds (follows U.S. EPA VOC Data Sheet) |
|---------------------------|---------------------------|
| **Regulatory Data**       | **As Packaged** | **As Applied** |
|                           | lb/gal | g/l | lb/gal | g/l |
| Density                   | 8.47   | 1015 | 8.58   | 1028 |
| Total Volatiles           | 83.7   | 86.7 | 78.0   | 81.4 |
| Water                     | 73.7   | 75.1 | 667.0  | 68.9 |
| Exempt Compounds          | 0.0    | 0.0  | 1.9    | 1.4  |
| t-butyl acetate           | 0.0    | 0.0  | 0.0    | 0.0  |
| Organic Volatiles         | 10.0   | 11.0 | 9.4    | 11.0 |
| Percent Non-Volatile      | 16.3   | 13.3 | 22.0   | 18.6 |
| **VOC Total**             | 0.84   | 101  | 0.8    | 96   |
| **VOC Less Exempt**       | 3.41   | 408  | 2.72   | 326  |

### Hazardous Air Pollutants (Clean Air Act, Section 112(b))

|                           | lb/gal | kg/l | lb/gal | kg/l |
| Volatile HAPS             | 0.00   | 0.000| 0      | 0    |
| VHAPS of Solids           | 0.00   | 0.000| 0      | 0    |

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**LABEL CAUTION INFORMATION**

See Safety Data Sheet and Labels for additional safety information and handling instructions. Safety Data Sheets for the products contained on this Product Data Sheet can be located at [http://www.sherwin-automotive.com](http://www.sherwin-automotive.com). Products shall not be repackaged, modified, blended, or tinted except as specifically instructed by Sherwin-Williams, including but not limited to the incorporation of non Sherwin-Williams products or the use or addition of products in proportions not specified by Sherwin-Williams. Before opening the packages, **READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For additional product information, please contact (216) 566-2917.