PRODUCT DESCRIPTION

High Build Polyester Primer Surfacer HDR22 is a fast drying polyester primer that has excellent filling and sanding characteristics. In 2-3 coats HDR22 can fill surface imperfections and small dents up to the size of a nickel. Ideal for Collision, Fleet, and Restoration locations nationwide. This product streamlines the repair process for small dents, drastically reducing the amount of material and labor needed to complete these repairs. A great solution for hail damage repairs this high build polyester primer surfacer can provide an alternative to panel replacement and paintless dent repair. This undercoat is VOC compliant at 1.38 lb/gal ready to spray.

SURFACE PREPARATION*

For areas of bare metal first use either NP75 ULTRA-FILL® or Epoxy Sealer E2A960 please refer to product data sheet for to learn more.

Over OEM Enamels/Refinish Enamels:
1. Final sand repair area with P180 grit or finer sandpaper.
2. Solvent clean with an appropriate Sherwin-Williams® surface cleaner. Wipe dry with a clean cloth
3. Apply appropriate amount of HDR22 High Build Polyester Primer

Over body filler or glazing putty:
1. Sand body filler or putty with P180-P220 grit or finer sandpaper
2. Apply appropriate amount of HDR22 High Build Polyester Primer
3. Final sand repair area when sealing with P400 grit or finer sandpaper or P320 when priming.
4. Solvent clean with an appropriate Sherwin-Williams® surface cleaner. Wipe dry with a clean cloth.

*See the HDR22 High Build Polyester Best Demonstrated Practices for instructions on how to properly prepare panels, for further information please call your Sherwin-Williams Automotive Finishes Technical Representative, Sales Representative, or Customer Service Representative.

SUITABLE SUBSTRATES

- OEM Enamels
- Refinish Enamels
- Body Filler
- Glazing Putties
- ULTRA-FILL® NP75
- Epoxy Sealer E2A960
- Fiberglass

MIXING

4
HDR22
High Build Polyester Primer Surfacer

1
HDRH23
High Build Polyester Primer Hardener

Note: This product must be shaken or stirred before mixing to ensure proper consistency
Premium Undercoats
High Build
Polyester Primer Surfacer
HDR22

APPLICATION
• Use a primer gun with a fluid tip between 2.0 – 2.2
• Apply 2 - 3 medium coats at a gun distance of 4” – 6”
• Allow each coat to flash 5 to 10 minutes
• Follow the spray equipment manufactures recommended specifications for equipment settings

NOTES
• Excessive number of coats will extend drying times.
• Pot life at 75º F: 1 hour. Potlife will decrease at higher temperatures.
• Maximum film build is 12 mils
• Do not leave product in the spray gun for longer than 30 minutes

RECOAT
• SpectraSeal® Color Primer Sealer P27 or P30
• SpectraPrime® Color Primer Surfacer P27 or P30
• Recoat HDR22 before 7 days or scuff sand and re-apply

DRYING SCHEDULE:
Air Dry: 2 Hours depending on film build
Force Dry: 30 Minutes at 140º F
Short Wave IR: 30 Minutes at 36" distance, surface temperature of 140º F

REGULATORY DATA

<table>
<thead>
<tr>
<th>Highest VOC Mix Ratio</th>
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<tbody>
<tr>
<td>4-PARTS</td>
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<tr>
<td>HDR22</td>
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Volatile Organic Compounds (follows U.S. EPA VOC Data Sheet)

<table>
<thead>
<tr>
<th>Regulatory Data</th>
<th>As Packaged</th>
<th>As Applied</th>
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<tbody>
<tr>
<td>Density</td>
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<tr>
<td>lb/gal</td>
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<td>% by volume</td>
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<td>VOC Less Exempt</td>
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<td>Hazardous Air Pollutants (Clean Air Act, Section 112(b))</td>
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<td>Volatile HAPS</td>
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<tr>
<td>VHAPS of Solids</td>
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*As applied VOC is based on actual testing
PERSONAL PROTECTION
• Read label, directions, and MSDS before use
• 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

LABEL CAUTION INFORMATION

HIGH BUILD POLYESTER PRIMER HDR22
DANGER! HARMFUL OR FATAL IF SWALLOWED. EXTREMELY FLAMMABLE - VAPORS MAY CAUSE FLASH FIRES! HARMFUL IF INHALED - MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. IRRITATES EYES, SKIN AND RESPIRATORY TRACT. CAUTIONS SEE CONTENTS STATEMENT ELSEWHERE ON LABEL. Contents are EXTREMELY FLAMMABLE. Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. VAPOR HARMFUL. Use only with adequate ventilation. Wear an appropriate properly fitted vapor/particulate respirator (NIOSH approved) during and after application, unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: If INHALED: If affected, remove from exposure. Restore breathing, Keep warm and quiet. If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. If SWALLOWED: Call Poison Control Center, hospital emergency room, or physician immediately. SPILL AND WASTE: Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulation regarding pollution. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. Contains Styrene which may cause cancer based on animal data. This product must be mixed with other components before use. 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. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY. SEE MATERIAL SAFETY DATA SHEET

HIGH BUILD POLYESTER PRIMER HARDENER HDR23
DANGER! EXTREMELY FLAMMABLE - VAPORS MAY CAUSE FLASH FIRES! HARMFUL IF INHALED - MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. IRRITATES EYES, SKIN AND RESPIRATORY TRACT. CAUTIONS SEE CONTENTS STATEMENT ELSEWHERE ON LABEL. Contents are EXTREMELY FLAMMABLE. Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. VAPOR HARMFUL. Use only with adequate ventilation. Wear an appropriate properly fitted vapor/particulate respirator (NIOSH approved) during and after application, unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: If INHALED: If affected, remove from exposure. Restore breathing, Keep warm and quiet. If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. If SWALLOWED: Call Poison Control Center, hospital emergency room, or physician immediately. SPILL AND WASTE: Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulation regarding pollution. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. This product must be mixed with other components before use. 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. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY. SEE MATERIAL SAFETY DATA SHEET.