

# DS40 LVOC Transparent Sealer

as a Sealer



<b>Products</b>	DS40 LVOC Transparent Sealer DH99 Low VOC Fast Hardener DH100 Low VOC Hardener DH105 High Temperature Low VOC Hardener	VR0 Ultra Low VOC Reducer VR29 Low VOC Reducer
<b>Cleaning</b>	See Undercoat Section - Cleaning the Vehicle Surface	
<b>Pretreatments</b>	Apply DE17 or EP Series primers when bare metal is exposed.	
<b>Mixing Ratio</b>	<b>Untinted</b> <b>6:1:1</b> 6 parts DS40 1 part DH99, DH100 or DH105 1 part VR29 or VR0	<b>Tinted with ONYX HD</b> <b>Step 1 - 10:1</b> 10 parts DS40 1 part ONYX toner <b>Step 2 - 6:1:1</b> 6 parts DS40/ONYX toner mixture 1 part DH99, DH100 or DH105 1 part VR29 or VR0
<b>Application</b>	1 or 2 med. coats 5 to 10 mins. flash between coats	
<b>Drying</b>	20°C/68°F 20 - 30 mins. 60°C/140°F N/A 70°C/160°F N/A No longer than 6 hrs. before topcoating	
<b>Sanding/ Polishing</b>	Wet Sand - N/A Dry Sand - N/A	
<b>Notes</b>	Need to use a pretreatment primer when using as a sealer over bare metal substrates. DS40 may be applied to unsanded e-coat that has been properly cleaned. For application on plastic parts, see Flexible Parts Section.	



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## Characteristics

DS40 LVOC Transparent Sealer is a two part urethane transparent sealer. DS40 can be applied over all R-M primer surfacers, all OEM finishes and all air dry finishes (except acrylic lacquer).

## Technical Data

<b>Viscosity</b>	12-16 sec. #4 Ford cup
<b>Fluid Tip (HVLV gravity)</b>	1.3-1.7 mm
<b>Fluid Tip (HE)</b>	1.3-1.5 mm
<b>Air Pressure (HVLV)</b>	10 psi cap
<b>Number of Coats</b>	1 or 2 med. wet coats
<b>Thickness</b>	1.0 - 1.4 mils
<b>Pot Life</b>	1 hr. @ 20°C/68°F
<b>Coverage</b>	1190 sq. ft./gal. (0.5 mils)
<b>VOC as Applied</b>	<i>Tinted</i> 241 gms/ltr (2.0 lbs/gal) <i>Untinted</i> 189 gms/ltr (1.6 lbs/gal)

## Things to DO:

- Do use the appropriate NIOSH/MSHA respirator. Consult product label for details.
- Do use the DS40 mixture within a 1 hour period.
- Do scuff sand and reseal if DS40 has cured longer than 6 hrs.
- Do measure the amount of DH99, DH100 and DH105 Hardener, DO NOT ESTIMATE.
- Do use over flexible parts.

## Things NOT to DO:

- Do not use fisheye eliminator in DS40.
- Do not use if shop temperature is below 15°C/60°F.
- Do not use DS40 directly over ANY acrylic lacquer.
- Do not use HR5 Jet5 in DS40.
- Do not use mixed ONYX colors to tint DS40, only the toners themselves.