



Technical Data Sheet
6600V DTM 2.1 V.O.C. Primer Surfacer

DESCRIPTION:

6600V DTM 2.1 V.O.C. Primer Surfacer is a high build, direct to metal primer surfacer. This isocyanate free primer surfacer is V.O.C. compliant in all 50 states. 6600V DTM 2.1 V.O.C. Primer Surfacer has excellent corrosion resistance properties when applied to any bare metal, therefore, the pre-treatment primer step is eliminated. 6600V DTM 2.1 V.O.C. Primer Surfacer has excellent adhesion to cold rolled steel, aluminum, galvanized, galvaneal and body filler. 6600V DTM 2.1 V.O.C. Primer Surfacer has excellent leveling features and sands easily without loading sandpaper. Its medium gray color and superior chemical resistance eliminates the need for primer sealer in many applications thus saving material and labor cost.

FEATURES:

- ☞ Superior sanding
- ☞ Excellent corrosion resistance
- ☞ Non-isocyanate
- ☞ Fantastic adhesion
- ☞ 2.1 lbs/gal (252 g/l) V.O.C.
- ☞ 4 to 1 mix ratio (reducer optional)
- ☞ Excellent solvent resistance
- ☞ Excellent color hold-out
- ☞ Eliminates pre-treatment and sealer steps; saves time, increases thru-put



COMPATIBLE SUBSTRATES:

Properly prepared cold rolled steel, stainless steel, aluminum, galvanized, and galvaneal.
 Properly prepared rigid and semi rigid auto body parts
 All brands of polyester fillers and glazing putties
 Properly cleaned, sanded O.E.M. and aftermarket coatings
 Factory E-coats



INSTRUCTIONS:

Shake the 6600V DTM 2.1 V.O.C. Primer Surfacer thoroughly before mixing.

GUN SETUP:

Conventional Gravity	1.6mm -1.8mm	40-45 psi @ gun
Siphon	1.6mm -1.8mm	40-45 psi @ gun
HVLP gravity	1.6mm -1.8mm	8-10 psi @ gun

MIXING:

Mix 4 parts 6600V DTM 2.1 V.O.C. Primer Surfacer to 1 part 6601V Activator.



For additional flow or less film build
(Optional) 4:1:1(4 parts primer 1 part activator 1 part Reducer

National V.O.C. Regulation 4.8 lbs/gal (576 g/l)

Reducers:

- CP-80 Fast Urethane Grade Reducer
- CP-81 Medium Urethane Grade Reducer
- CP-82 Slow Urethane Grade Reducer
- CP-83 X-Slow Urethane Grade Reducer

California V.O.C. Regulation 2.1 lbs/gal (252 g/l)

Reducers:

- CP-80Z Zero V.O.C. Universal Reducer-Fast
- CP-81Z Zero V.O.C. Universal Reducer-Medium
- CP-82Z Zero V.O.C. Universal Reducer-Slow



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SURFACE PREPARATION:

Wash area with soap and warm water. Thoroughly clean area with **CP-90 Pre-Clean** or **CP-905 Waterbase Pre-clean**. **CP-905 Waterbase Pre-clean** must be used where VOC restrictions apply.

Body Filler:

Sand area according to body filler manufacturer's recommendations. Sand OEM surfaces with 180-220 grit sandpaper. Reclean with wax and grease remover.

Cold Rolled Steel, Galvanized Steel & Galvaneal:

Sand area with 180-220 grit sandpaper. Reclean with wax and grease remover.

Aluminum:

Scuff surface with a red scuff pad or equivalent. Reclean with wax and grease remover. **Do not use coarse grit sandpaper.**

Factory E-coat

Wash area with soap and warm water. Thoroughly clean area with **CP-90 Pre-Clean** or **CP-905 Waterbase Pre-clean**. **CP-905 Waterbase Pre-clean** must be used where VOC restrictions apply. Allow surface to dry thoroughly. Apply 2-3 full wet coats of **6600V "DTM" 2.1 V.O.C. Primer Surfacer**

APPLICATION:

Apply 2-3 full wet coats of **6600V DTM 2.1 V.O.C. Primer Surfacer** using a good quality spray gun with a 1.6 to 1.8 tip. Allow 10-15 minutes flash time between coats. **6600V DTM 2.1 V.O.C. Primer Surfacer** can be baked for 35 minutes @ 140°F (60°C).

SANDING:

Allow **6600V DTM 2.1 V.O.C. Primer Surfacer** to thoroughly cure before sanding. Allow 60 minutes @ 70°F (21°C) air dry for each coat of primer applied. For example, apply two coat allow 2 hours dry time before sanding. Apply three coats, allow 3 hours before sanding. Sand primer surfacer with 180-220 grit sandpaper. If applying a sealer over the primer surfacer, finish sand with 320-400 grit sandpaper. If applying topcoat directly over the **6600V DTM 2.1 V.O.C. Primer Surfacer** finish sand with 400-500 grit sandpaper when applying basecoat and 320-400 grit sandpaper for a single-stage system.

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TECHNICAL DATA

Color	Medium Gray
Activator/Hardener	6601V
Reducers	
National Rule areas	CP 81, 82, 83
2.1 VOC areas	CP 80Z, 81Z, 82Z
Mix Ratio	4 parts primer, 1 part activator (reducer optional)
Pot Life	1 hr. @70° F (21° C)
Number of Coats	2-3
WFT/coat	4 mils/coat
DFT/coat	2 mils/coat
Flash Time	10-15 minutes
Recoat w/o sanding	30 minutes
Dry to Sand	60 mins. @70° F (21° C) for each coat
Air Dry 70° F (21° C) 50% RH	
Force Dry	35 mins. @140° F (60° C)
Gun Set-Up Gravity Feed (HVLP)	1.6mm – 1.8mm
Air Pressure @ Gun (HVLP)	8 – 10 psi
Air Pressure @ Gun (Conventional)	40 -45 psi
V.O.C. Limit	2.1 lbs/gal (252 g/l) 2.1 lbs/gal (g/l) 4:1 mix
Sprayable V.O.C.*	2.1 lbs/gal (g/l) 4:1:1 mix with Zero V.O.C. Reducer
% Solids Sprayable by Weight	55% @ 4:1 mix
Coverage Sq. Ft. / gal @ 1	440 sq. ft. 4:1 mix @ 1 mil 370 sq. ft. 4:1:1 mix @ 1 mil
Package	
Per case (quarts)	6 Quarts
(gallons)	4 Gallons
Shelf Life	12 months