



# SS-2950 series

## DTM HIGH BUILD

## Urethane Primer

## Surfacer/Sealer

### TECHNICAL DATA

**SS-2790 Series DTM High Build Urethane Primer Surfacer/Sealer** is a two-component, urethane primer with excellent film-build that sands easily. It has excellent adhesion to bare metal and can be used on a variety of automotive substrates. SS-2970 is easy to spray and levels to an almost texture-free surface. It also can be used as a sealer by simply reducing it up to 1 part of compliant reducer. For best results, large bare metal surfaces should be coated with a Self-Etching Primer or an Epoxy Primer before applying primer surfacer. **% Solids Sprayable by Weight: 58%.**

#### SUITABLE SUBSTRATES

Cold Rolled Steel\*

Stainless Steel\*

Galvanized/Galvaneal\*

Aluminum

Fiberglass/SMC

Automotive Plastics‡

Body Filler/Putty

Factory E-coats

\*Small areas properly sanded and cleaned or sand thru areas

‡Adhesion promoter should be used to ensure proper adhesion

#### INSTRUCTIONS:

Shake the **SS-2950 Series Urethane Primer** before mixing.

#### GUN SETUP:

Conventional Gravity 1.6mm -2.0mm 40-45 psi @ gun

Siphon 1.6mm -2.0mm 40-45 psi @ gun

HVLP gravity 1.6mm -2.0mm 8-10 psi @ gun

#### MIXING:

As a Primer Surfacer mix:

4 parts **SS-2950 Series 2K Urethane Primer/Sealer**

1 part **SS-2790A Urethane Primer Activator**

As a Primer Sealer mix:

4 parts **SS-2950 Series 2K Urethane Primer/Sealer**

1 part **SS-2790A 2K Urethane Primer Activator**

1 part **Compliant Reducer (See local VOC laws)**

#### REDUCER OPTIONS:

(These contain PCBTF which is banned in some areas. Check local laws)

SMR-0065 Zero VOC Reducer Slow

SMR-0075 Zero VOC Reducer Medium

SMR-0085 Zero VOC Reducer Fast

#### REDUCER OPTIONS:

(For use within areas that allow reducers with a PW-MIR VOC Content Limit (g 03/g VOC) of 1.50)

SMR-1065 Universal Reducer Slow

SMR -1075 Universal Reducer Medium

SMR -1085 Universal Reducer Fast

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## SURFACE PREPARATION:

Wash area with soap and warm water. Thoroughly clean area with Wax and Grease Remover.  
Sand with 80 grit to use as DTM, otherwise use 180 grit.

## APPLICATION:

### Primer Surfer

Apply 2-3 full wet coats of **SS-2950 Series Urethane Primer** using a good quality spray gun with a 1.8 to 2.0 tip.  
Allow 10-15 minutes flash time between coats.

Allow 50-90 minutes @ 70°F (21°C) air dry before sanding.

**SS-2950 Series Urethane Primer** can be baked for 15-20 minutes @ 140°F (60°C).

### Primer Sealer

Apply 1 full wet coat of **SS-2950 Series Urethane Primer** using a good quality spray gun with a 1.3 to 1.4mm fluid tip.  
Allow 10-15 minutes flash time before applying topcoat.

## SANDING:

Allow **SS-2950 Series Urethane Primer** to thoroughly cure before sanding. Sand primer surfacer with 180-220 grit sandpaper.  
If applying a sealer over the primer surfacer, finish sand with 400-600 grit sandpaper. If applying topcoat directly over the **SS-2950 Series Urethane Primer** finish sand with 400-600 grit sandpaper when applying basecoat or single-stage system.

## VOC INFORMATION

Coating Category: Primer Surfer

	Regulatory VOC	Regulatory VOC	Actual VOC	Actual VOC	Volatile Wt.	Water Wt.	Exempt	Density	PW MIR
	lbs/gal	g/l	lbs/gal	g/l	%	%	Compounds	g/l	VOC
SS-2950B	4.49	538	4.02	482	43.22	0	7.2	1338	
SS-2950W	4.49	538	4.09	490	41.73	0	6	1372	
SS-2950G	4.45	534	4.07	487	41.88	0	6	1358	
SS-2950A	4.94	592	4.94	592	63.3	0	0	935	
(These contain PCBTF which is banned in some areas. Check local laws)									
SMR-0065	0	0	0	0	100	0	100	859	
SNR-0075	0	0	0	0	100	0	100	899	
SMR-0085	0	0	0	0	100	0	100	943	
(For use within areas that allow reducers with a PW-MIR VOC Content Limit (g 03/g VOC) of 1.50)									
SMR-1065	7.31	876	4.57	548	100	0	35	842	1.29
SMR-1075	7.5	899	5.04	604	100	0	30	862	1.34
SMR-1085	7.53	903	5.86	702	100	0	20	877	1.38
Mixed VOC (4:1)									
SS-2950B w/SS-2950A	4.59	550	4.21	504	46.2	0	6.13	1259	
SS-2950W w/SS-2950A	4.59	550	4.26	511	44.9	0	5.13	1282	
SS-2950G w/SS-2950A	4.56	546	4.24	508	45	0	5.12	1270	

## HEALTH & SAFETY

See Safety Data Sheet and labels for additional safety information and handling instructions.

- The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels and SDSs of all component, since the mixture will have the hazards of all its parts.
- Improper handling and use, for example, poor spray technique, inadequate engineering controls, and or lack of Personal Protective Equipment (PPE), may result in hazardous conditions or injury.
- Follow spray equipment manufacturer's instructions to prevent personal injury or fire.
- Provide adequate ventilation for health and fire hazard control.
- Follow company, product SDS and respirator manufacturer's recommendations for selection and proper use of respiratory protection. Be sure employees are adequately trained on the safe use of respirators per company and regulatory requirements.
- Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on SDS.
- Always observe all applicable precautions and follow good safety and hygiene practice.

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