



Montana® Big Sky® Product Information Sheet

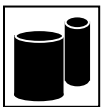
Technical Support (800) 328-4892

TDS_BS_PS5008-09

PS5008A™ & PS5009A™ 2K Urethane Primer/Sealer

READ ENTIRE PRODUCT INFORMATION SHEET PRIOR TO USE. IF ANY QUESTIONS ARISE, PLEASE CALL TECHNICAL SUPPORT.

COMPONENTS (REQUIRED)



PS5008A™ (Beige) Urethane Primer
PS5009A™ (Gray) Urethane Primer
PS5008B™ Urethane Primer Activator
TH0800 Urethane Series Reducer

SPECIALTY COMPONENTS (OPTIONAL)

Big Sky® Universal Tints (sealer option only)
CR22ACC™ Accelerator
TH035™/36/37 Zero VOC Reducers

DESCRIPTION:

PS5008A™ & PS5009A™ are premium quality two-component urethane primers. They offer high film build, quick and easy sanding, while maintaining superior gloss and DOI. PS5008A™ and PS5009A™ meet the National Rule requirement of 4.80 lbs./gal VOC (575 g/L) for primers.

SURFACE PREPARATION

Note: Be sure to completely remove all rust or oxidation prior to applying primer.

- Solvent clean with a Strong Wax & Grease Remover. Featheredge with P180- P320 grit sandpaper. Sand the existing areas with P400 grit sandpaper. Large bare Metal areas should be sprayed with etch primer prior to priming.
- A Strong Wax & Grease Remover and a red scuff pad may be used to remove light surface oxidation on aluminum. Follow by re-cleaning the aluminum to remove sanding residue with a Strong Wax & Grease Remover.

Sealer Option:

- Solvent clean with a Strong Wax & Grease Remover.
- Sand repair areas, finishing with P400 grit sandpaper or finer.
- Re-clean repair with TH5951™ Mild Wax & Grease Remover to remove sanding residue before sealing.

COMPATIBLE SUBSTRATES

- Properly cleaned steel, aluminum, and galvanized steel
- PS3042™/PS3044™/PS3045™ Epoxy Primer *Allow epoxy to flash for 1 hour prior to applying PS5008A™ or PS5009A™
- PS3008™ ViperGrip II™ Metal-Etch Primer
- Thoroughly sanded OEM and cured paint
- Sanded fiberglass / SMC
- Cured body filler

MIX BY VOLUME



As a Primer / Surfacer

- 4 Parts PS5008A™/PS5009A™ Urethane Primer
- 1 Part PS5008B™ Urethane Primer Activator
- $\frac{3}{4}$ Optional Reduction with TH0800 Urethane Series Reducer



As a Sealer

- 4 Parts PS5008A™/PS5009A™ Urethane Primer
- 1 Part PS5008B™ Urethane Primer Activator
- 2 Parts Low VOC Reducer

Proper Reducer Selection	
TH0860™ Fast	60 - 70°F/15 – 21°C
TH0870™ Medium	70 - 80°F/21 – 26°C
TH0885™ Slow	80 - 90°F/26 – 32°C
TH0895™ Hot Temp	Above 85°F/ 29°C

TINTING -DO NOT TINT

SPECIALTY COMPONENTS



Accelerator – CR22ACC™ Accelerator can be used to reduce the sand time.

- Use approximately ½ ounce per mixed quart of primer.
- The use of CR22ACC™ Accelerator will reduce pot life.
- **DO NOT** use fish eye eliminators.

POT LIFE



Catalyzed Primer: 1 hour at 75°F/23°C

Sealer: 2 hours at 75°F/23°C

- **Note:** Accelerator, reducer, and temperature will affect pot life.
- Clean equipment immediately after use.

EQUIPMENT SETUP



Primer / Surfacer

HVLP Gravity
High Efficiency

Fluid Tip

1.4 – 1.6mm
1.4 – 1.6mm

Air Pressure

6 – 8 PSI at the cap
17 – 19 (PSI) Inlet Pressure

SEALER

HVLP
High Efficiency

1.4 – 1.6mm
1.4 – 1.6mm

8 – 10 PSI at the cap
27 – 32 (PSI) Inlet Pressure

PRIMER / SURFACER APPLICATION



- Apply over properly prepared surfaces.
- Apply in single full wet coats, allowing 5 – 10 minute flash between coats.
- For best results, do not apply more than 3 coats.

Brushable / Rollable Option

- Mix according to directions. (A small amount of reducer will improve flow)
- Apply 1 even coat of PS5008A™/PS5009A™ Primer, making sure to cover the repair area completely into the featheredge.
- If a 2nd coat is applied, allow a 5 -10 minute flash between coats.
- Apply the 2nd coat within the first coats outer edge.
- For best results, do not apply more than 3 coats.

SEALER APPLICATION

- Apply 1 single wet coat of properly mixed PS5008A™/PS5009A™ as a sealer to create a uniform base.
- Allow to flash for 30 – 45 minutes before applying topcoats.

DRY TIME TO SAND



Primer / Surfacer Option:

- Air Dry: 1 – 1 ½ hours at 75°F/23°C per coat
- If 3 coats are applied, allow to dry overnight.
- Baking: Allow a 15 minute flash, then bake at 150°F/65°C for 45 minutes. Allow to cool before sanding.
- Final sand with P400 - P600 grit sandpaper.
- Recommended minimum dry film thickness after sanding is 1.5 – 2.0 mils.

Sealer Option:

- Does not require sanding prior to topcoat unless it has dried for more than 10 hours at 75°F/23°C.
- If necessary, Air Dry: 45 minutes at 75°F/23°C to remove debris.

DRY TIME TO TOPCOAT

Primer / Surfacers Option:

- Primer must be sanded before topcoating.
- Topcoat within 4 - 6 hours after sanding.
- If PS5008A™/PS5009A™ has dried longer than the recommended recoat time, scuff with P400 - P600 grit sandpaper or finer.

Sealer Option:

- 20 – 30 minutes at 75°F/23°C prior to topcoating

Flexible Parts * See TDS_BS_AP100-200 for further Information on AP100™ and AP200™.

- Clean the surface with AP100™ Flexible Parts Cleaner using a clean and dry, lint-free cloth.
- Completely scuff the repair and refinish area using a gray scuff pad and/or scuff gel and re-clean.
- Apply 2 single coats of AP200™ allowing 5 minutes flash between coats.
- Apply primer mixed 4:1:1 within 30 minutes of applying AP200™.
- Apply only 1 – 2 coats of primer. Avoid excessive film builds.
- Refer to information Bulletin #MC31 for further information about plastic refinishing.

COMPATIBLE TOPCOATS

- System 10™ Acrylic Enamel Color
- System 20™ Synthetic Enamel Color
- System 28™ 2.8 VOC Polyurethane Color
- System 50™ SkyBase® Basecoat Color
- Acrylic Urethane Topcoats
- Basecoat
- Synthetic Enamels
- System 12™ Acrylic Enamel Color
- System 22™ Acrylic Urethane Color
- System 35™ 3.5 VOC Polyurethane Color
- System 60™ 3.5VOC Polyurethane Color
- Polyurethane Color
- Acrylic Enamels
- Urethane Sealers

SPECIAL NOTES

- Ensure shop and repair surface temperatures are maintained above 75°F/23°C prior to work.
- Ensure proper flash times, dry times, sanding procedures, and all directions for topcoats are followed.
- Use a mixing cup for accurate volume measurements.

PHYSICAL DATA

	Primer (4:1 Mix Ratio)	Sealer (4:1:2 Mix Ratio)
Dry to Sand/Topcoat @75°F/23°C	1 – 1 ½ -hours per coat	20 – 30 minutes
Film Thickness	2.2 ± 0.3 mils per coat	+ 0.5 mils
Volume Solids	40.6%	28.5%
VOC Applied	4.49 lbs./gal (538 g/L)	< 4.50 lbs./gal (539 g /L)
# of Coats	3 maximum	1
Theoretical Coverage	642 @ 1 mil DFT	458.28

CLEAN-UP

Clean spray equipment immediately following application with a quality thinner or spray gun cleaner.

DISPOSAL

Dispose of all paint and paint related materials in accordance with state and local regulations.

SAFETY & HEALTH

Read and follow all technical product information, labels, and SDS prior to application. Keep product out of reach of children and animals. Always wear proper safety equipment (respirator, gloves, eye, and clothing protection) when using this product.

COMPANY INFORMATION

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