



Big Sky® Product Information Sheet

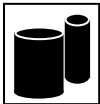
Technical Support (800) 328-4892

P.I. Sheet #1078

PS3008™ Viper Grip II™ Metal Etch Primer

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

COMPONENTS:



PS3008™ Viper Grip II™ Metal Etch Primer (Green)
 PC3000M™ (Medium) Primer Converter
 PC3000S™ (Slow) Primer Converter

DESCRIPTION

PS3008™ Viper Grip II™ is a non-induction, chromate-free, metal pretreatment that provides a fast-drying barrier coat that etches bare metal substrates preparing them for additional topcoats. PS3008™ Viper Grip II™ maximizes the adhesion properties to properly prepared steel, aluminum, and galvanized metal. PS3008™ Viper Grip II™ offers very good corrosion protection with moderate filling properties.

SURFACE PREPARATION

Note: Be sure to completely remove all rust or oxidation prior to applying primer. Remove rust or oxidation if applicable by sand blasting, grinding, or sanding. Liquid metal cleaners may also be used. Do not use a phosphate conversion coating prior to priming with PS3008™ Viper Grip II™.

Bare Substrates

- Solvent clean with TH5950™ Strong Wax & Grease Remover, TH5951™ Mild Wax & Grease Remover or TH5953™ Zero VOC Waterborne Surface Cleaner.
- Finish sand using 180 grit sandpaper.
- Surface cleaners and a scuff pad may be used to remove light surface oxidation on aluminum. Follow by re-cleaning the aluminum to remove sanding residue.

Pre-Painted or Pre-Primed Substrates

- Wash the surface with mild detergent and warm water, making sure to rinse well and dry with a clean, dry cloth. Solvent clean with TH5950™ Strong Wax & Grease Remover, TH5951™ Mild Wax & Grease Remover or TH5953™ Zero VOC Waterborne Surface Cleaner.
- Sand repair area and featheredge as needed, finishing with P400 grit sandpaper.
- Re-clean small repairs with TH5952™ Fast Evaporating Surface Cleaner to remove sanding residue before priming. On larger areas, the use of TH5951™ or TH5953™ may be desired.

COMPATIBLE SUBSTRATES

- Thoroughly sanded OEM finishes adjoining metal
- Thoroughly sanded and cured paint adjoining metal
- Properly prepared steel, aluminum, and galvanized steel
- Cured body filler
- ED Primer

MIX BY VOLUME



- 1 Part PS3008™ Viper Grip II™ Metal Etch Primer
- 1 Part PC3000M™ (Medium 60°F/15°C – 85°F/29°C) Metal Etch Converter or 1 Part PC3000S™ (Slow + 80°F/26°C) Metal Etch Converter

* Use plastic or lined spray gun cup.

POT LIFE



- 3-5 days @ 75° F / 23°C.
- Store in plastic so performance is not reduced.
- Stir well before use if primer has set for 1/2 hour or longer.

EQUIPMENT SETUP



Primer

	Fluid Tip (mm)	Air Pressures
HVLP Gravity	1.4 – 1.6mm	6 – 8 at the cap
HVLP Siphon	1.6 – 1.8mm	6 – 8 at the cap
High Efficiency Gravity	1.4 – 1.6mm	30 – 40 (PSI) 2.0 – 2.7 (Bar) Inlet Pressure
High Efficiency Siphon	1.5 – 1.8mm	30 – 45 (PSI) 2.0 – 3.1 (Bar) Inlet Pressure
Conventional Gravity	1.4 – 1.6mm	30 – 40 (PSI) 2.0 – 2.7 (Bar) Inlet Pressure
Conventional Siphon	1.5 – 1.8mm	30 – 45 (PSI) 2.0 – 3.1 (Bar) Inlet Pressure

APPLICATION



- Apply over properly prepared surfaces.
- Apply 2-3 coats of PS3008™ Viper Grip II™ allowing a 5-10 minute flash between coats.
- Allow the final coat to dry for 30-minutes before applying a surfacer, sealer or topcoats.
- Do not apply more than 3 coats of PS3008™ Viper Grip II™.
- If PS3008™ Viper Grip II™ dries more than 24 hours, scuff sand with P400 grit or finer before applying surfacer, sealer or topcoats.

DRY TIME TO SAND

- **Does not** require sanding unless product has dried for 24-hours or longer.
- Scuff sand using P400 grit or finer, re-priming is not required.
- PS3008™ Viper Grip II™ may be water sanded followed by through cleaning and drying.

DRY TIME TO TOPCOAT

- 30 minutes @ 75° F / 23°C before applying surfacer, sealer or topcoats.

COMPATIBLE TOPCOATS

- Acrylic Urethanes
- Acrylic Enamels
- Polyurethane Color
- Basecoats
- Acrylic Primer/Surfacers
- Urethane Primers/Surfacers
- Urethane Sealers
- Montana DTM Primer/Surfacer/Sealers

Notes: Do not recoat with a polyester-based primer surfacer or epoxy.
When refinishing multiple panels or completes, we suggest using a sealer prior to topcoating.

SPECIAL NOTES

- Use in shop temperatures that are maintained above 75° F / 23°C for the first 20 hours of the dry cycle and working surfaces are up to shop temperature prior to work.
- Ensure proper flash times, dry times, sanding procedures, and all directions for topcoats are followed.
- Mix product properly and store in a plastic container.
- For maximum holdout and color retention, we suggest using a sealer before topcoating.
- Stir previously reduced PS3008™ Viper Grip II™ before use.
- Equipment setups are recommended starting points. Additional adjustments may be necessary.

PHYSICAL DATA

PS3008™ Viper Grip II™ Metal Etch Primer 1:1 Mix with Converter @ 75° F / 23°C			
Dust Free Time:	Approximately 5 – 10 minutes	VOC as Applied:	5.5 lbs/gallon
Dry to Topcoat:	30 minutes primer	Number of Coats:	2-3 (maximum of 3)
Film Thickness:	.5 mils + .1 mils per coat	Theoretical Coverage:	385 sq. ft @ .5 mil
Volume Solids RTS:	12.84	Weight Solids:	39.40
Volume Solids:	24.65	Flash Point:	See MSDS

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 MSDS 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.

MSDS REFERENCE

Primer – MSDS #9
Converter – MSDS #9

COMPANY INFORMATION

ChemSpec USA
9287 Smucker Road
Orrville, Ohio 44667
Phone: (800) 328-4892
Fax: (330) 669-3965
Website: www.chemspec.co.za
www.montanabigsky.com

Refer to all labels on products and information sheets for hazards and proper handling procedures for each component. Read the Material Safety Data Sheets (MSDS) supplied with the materials.

KEEP OUT OF REACH OF CHILDREN