Big Sky® Product Information Sheet

Technical Support (800) 328-4892 **P.I. Sheet #2011**

EZ211™ (Gray) & EZ213™ (Black)
2.1 VOC Acrylic Primer/Surfacer

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

COMPONENTS

1. EZ211™ (Gray) Acrylic Primer/Surfacer
2. EZ213™ (Black) Acrylic Primer/Surfacer
3. Acetone, TH035 or other VOC compliant solvent

DESCRIPTION:

EZ211™ and EZ213™ Acrylic Primer/Surfacers offer 2.1 VOC, high build, fast dry times, and easy sanding to a fine featheredge. Montana Big Sky® 2.1 VOC Acrylic Primer/Surfacers have good color holdout, minimal shrinkage, good flexibility, and powerful adhesion to properly prepared substrates.

SURFACE PREPARATION

NOTE: Be sure to completely remove all rust or oxidation prior to applying primer. Rust and/or oxidation can be removed by sand blasting, grinding, or sanding. Liquid metal cleaners may also be used followed by the appropriate metal conditioner or conversion coating.

Bare Substrates:

- Solvent clean with TH5950™ Strong Wax & Grease Remover or TH5951™ Mild Wax & Grease Remover.
- Finish sand with 180-grit sandpaper.
- Re-clean repair with TH5950™ Strong Wax & Grease Remover.

Pre-painted Substrates:

- Wash the surface with mild detergent and hot water, making sure to rinse well and dry with a clean, dry cloth. Solvent clean with TH5950™ Strong Wax & Grease Remover or TH5951™ Mild Wax & Grease Remover.
- Sand repair area and featheredge as needed, finishing with 320-grit sandpaper.
- Re-clean repair with TH5952™ Fast Evaporating Surface Cleaner to remove sanding residue before priming. On larger areas, the use of TH5951™ Mild Wax & Grease Remover may be desired.

COMPATIBLE SUBSTRATES

- Properly cleaned and conditioned steel, aluminum, and galvanized steel
- Thoroughly sanded and cured paint
- Cured body filler (the use of stain free body fillers on light colors will reduce the chance of yellowing)
- Montana Big Sky ™ Metal Etch Primers

MIX BY VOLUME

- 1 Part 2.1 VOC Acrylic Primer Surfacer
- 1 up to 1 ¼ Parts TH035™ Low VOC Reducer

MIX BY VOLUME CONTINUED

Mix Ratio in Ounces (Mixed 1:1¼)						
Primer	1	4	8	16	24	32
Reducer	1¼	5	10	20	30	40

TINTING

- Not recommended

POT LIFE

- There are no pot life limitations with 2.1 VOC Acrylic Primer/Surfacer.
- Occasional stirring may be needed to keep a uniform mix.
- Keep lid tightly closed on container to prevent solvent evaporation.

ADDITIVES

- Not recommended

EQUIPMENT SETUP

	Fluid Tip	Air Pressure
HVLP Gravity	1.6 – 2.0mm	6 – 8 PSI at the air cap
HVLP Siphon	1.8 – 2.0mm	6 – 8 PSI at the air cap
High Efficiency Gravity	1.4 – 1.6mm	30 – 40 (PSI) Inlet Pressure
High Efficiency Siphon	1.6 – 1.8mm	30 – 40 (PSI) Inlet Pressure

PRIMER APPLICATION (SPRAY)

- Apply 2 – 3 medium coats to the clean and dry surface. Allow primer/surfacer to flash 10 minutes Product must be sanded prior to topcoat application. Allow primer/surfacer to dry 30 minutes before sanding. Use the sandpaper grit recommended for the topcoat paint.
- After all sanding has been finished, final clean using TH5951™ (Mild Wax and Grease Remover) or TH5952 ™ (Fast Final Cleaner). Dry with a clean, lint-free cloth prior to sealing or applying color.

Brushable / Rollable Option (Small Repair Areas)

- Mix according to directions.
- Apply 1 even coat of primer/surfacer, 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 ¾ inch of the first coat's outer edge.
- For best results, do not apply more than 3 coats.

DRY TIME TO SAND

- 30 minutes (Note: Rushing this product may result in shrinkage).
- Recommended minimum dry film thickness <u>after</u> sanding is 2.0 mils.

DRY TIME TO TOPCOAT

- **Must be sanded prior to topcoating.**

COMPATIBLE TOPCOATS

- Acrylic Urethanes
- Basecoat Color
- Acrylic Enamels
- Synthetic Enamels * (recommend sealing first)
- Polyurethane Color

SPECIAL NOTES

- Use in shop temperatures that are maintained <u>above</u> 75° for the first 20-hours of the dry cycle.
- Ensure surfaces are up to shop temperature prior to work.
- Ensure proper metal conditioning/preparation procedures in early stages are followed.

Special Notes Continued

- Ensure proper flash times, dry times, sanding procedures, and all directions for topcoats are followed.
- Use a mixing cup for accurate volume measurements.
- Allow primer to flash between coats to ensure better drying and minimize shrinkage.
- Lacquer type products are intended for use only as a repair area primer.
- Excessive loading of this product can lead to cracking and shrinkage.
- Allow body fillers and heavily primed areas extended dry times.

PHYSICAL DATA

Mixed 1:1 with TH035	
Dry to Sand	30 minutes
Dry to Topcoat	Must be sanded first.
Film Thickness	1.1 ± .2 mils per coat
Volume Solids	18%
VOC Applied	2.10 lbs/gallon
# of Coats	2 – 3
Theoretical Coverage	289.5 sq ft/gallon
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
Reducer – MSDS #1
Acetone – MSDS #1

COMPANY INFORMATION

ChemSpec USA
9287 Smucker Road
Orrville, Ohio 44667
Toll Free: (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