

MRS 8210

TECHNICAL DATA

“Spot Werkes” Ultra Production System 2.1 V.O.C. Acrylic Urethane Clearcoat

DESCRIPTION:

MRS-8210 “Spot Werkes” Ultra Production Clearcoat 2.1 V.O.C. is high production clearcoat system developed for spot repair and one panel repair. This 4:1 mix clearcoat is a 3 coat system that can be sanded and buffed in 20-25 minutes air dry or baked for 5 minutes at 130°F(54.4°C) metal temperature.

MRS-8210 “Spot Werkes” Ultra Production Clearcoat 2.1 V.O.C. is mix 4:1 with **MRS-8250 “Spot Werkes” Activator** and can be reduced with 3 temperature controlled reducers. **MRS-8060 Accelerated Reducer-Fast** is formulated with an accelerator and **MRS-8085 Slow Reducer** is formulated with a pot-life extender for high temperature conditions.

MRS-8210 “Spot Werkes” Ultra Production Clearcoat 2.1 V.O.C. is applied in 3 light coats wet-on-wet with no flash times between coats.

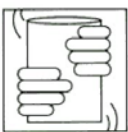
FEATURES:

- ✓ Super fast dry-to-sand time
- ✓ Excellent for spot repairs
- ✓ Superb blending
- ✓ Fast bake cycle, no purge time; saves fuel cost
- ✓ Excellent gloss
- ✓ Can be applied to flexible parts
- ✓ Excellent system for jams and cut-it parts
- ✓ Guaranteed performance



COMPATIBLE SURFACES:

- Acrylic or polyester basecoats
- Activated polyurethane enamel (must be cured at least 8 hours)
- Activated acrylic urethane enamel (must be cured at least 8 hours)
- OEM clearcoats

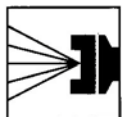


INSTRUCTIONS:

Make sure product is at room temperature 72°F (22.2°C) before mixing

GUN SETUP:

- | | | |
|----------------------|--------------|----------------|
| HVLP gravity | 1.3mm -1.4mm | 8-10 psi @ gun |
| Mini-Jet Gravity Fed | 1.0mm-1.3mm | 8-10 psi @ gun |
- Fluid Adjustment for 1.3 mm nozzle—turn out 3 full turns
Fluid Adjustment for 1.4 mm nozzle---turn out 2 ½ turns



MIXING:

Mix 4 parts **MRS-8210 "Spot Werkes" Ultra Production Clearcoat 2.1 V.O.C.** to 1 part **MRS-8250 "Spot Werkes" Clearcoat Activator.**



Reducers:

MRS-8060 "Spot Werkes" Accelerated Reducer-Fast
MRS-8075 "Spot Werkes" Reducer-Medium
MRS-8085 "Spot Werkes" Reducer(potlife extender)-Slow

NOTE: use slow reducer for bake applications and hot temperatures.

NOTE: use slow reducer for bake applications.

APPLICATION:

1. Apply basecoat color per recommended procedures.
2. Apply three light coats of **MRS-8210 "Spot Werkes" Ultra Production Clearcoat 2.1 V.O.C.** using 40-45 psi at the gun for conventional guns and 8-10 psi for an HVLP gun.
3. Apply wet-on-wet with no flash time

BLENDING:

1. Apply first coat of clearcoat
2. Extend second coat of clear past first coat
3. Extend third coat of clear past second coat.
4. Mix the remaining clearcoat 1:1 with **RS-2710 Blend Eze Panel Blender/Color Check.**
5. Apply mixture over the edge of the clear with 50% overlap to melt in the edge.
6. To further melt-in the remaining edge, apply 100% **RS-2710 Blend Eze Panel Blender/Color Check** with 50% overlap.

SANDING:

Use 1500 grit or finer wet sandpaper or use a foam interface pad with P1500 grit or finer DA paper.

BUFFING:

MRS-8210 "Spot Werkes" Ultra Production Clearcoat 2.1 V.O.C. can be wet sanded and buffed 20-25 minutes (air dry). In a bake situation, it can be lightly de-nibbed or sanded after cool down.

MRS-8210 "Spot Werkes" Ultra Production Clearcoat 2.1 V.O.C. is very easy to buff up to 72 hours after application (air dry). Depending on length of cure time before buffing, a wool finishing or foam pad could be used. Apply a straight line of compound to a 2-3 foot area. Set the buffer at 1200-1800 RPM's. Use a 50% overlap. Wipe off excess material with a micro-fiber cloth (**RS-662 Micro Detailing Cloth**).

Recommended Products:

Compound
Compound Pad

Polish
Polish Pad
Finishing
Finish Pad

RS-674 Ultra Finish Compound
RS-643 Wool Compounding Pad
RS-652 #2 Cutting Pad Med. Density
RS-657 #4 White Polishing Pad
RS-671 Gloss Max Polish
RS-657 #4 White Polishing Pad
RS-671 Gloss Max Polish
RS-658 #5 Black Finishing Pad

5751 N. Webster Street
Dayton, OH 45414-0802
Phone 937-890-6547
Toll Free 800-257-6547
Fax 937-890-6320

www.medallionrefinish.com

CLEAN-UP:

MRS-8210 "Spot Werkes" Ultra Production Clearcoat 2.1 V.O.C. has a short potlife of 30-45 minutes. It is recommended to clean out the spray gun immediately after use.



TIPS FOR SUCCESS:

- Always use clean water to wet sand and add a few drops of soap to help clear the paper.
- Always use a foam interface pad when DA sanding.
- Do not use medium to heavy duty compounds.
- Use clean micro-fiber cloths and pads to minimize scratching of the clearcoat.

RUBBER-SEAL®

Medallion™
Refinish System

MRS-8210-TDS
10/09

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TECHNICAL DATA

Color	Water Clear
Activator	MRS-8250
Reducer	MRS-8060, 8075, 8085
Mix Ratio	4:1 Reducer Optional
Pot Life	30-45 min. (72°F (22.2°C) 50% RH
Number of coats	3 light coats
Flash Time between coats	none required
Flash Time before bake (purge)	none required
Dust Free	2 minutes
Tack Free	5 minutes
Dry to Sand (72°F (22.2°C) 50% RH	20-25 minutes
Bake @ 140°F (60°C	5 minutes
Delivery time	
Air Dry	1 hour
Force Dry (metal temp.)	After cool down
Time to stripe/decals	
Air dry	1 ½ to 2 hours
Bake	1 hour after cool down
Time to recoat	
Air Dry	1 hour @ 70°F to 75°F
Bake	After cool down
If recoating after 24 hours, sand with 1000 grit sandpaper before recoating. On sand-thru areas, apply heat before applying additional coatings to eliminate featheredge lifting.	
Gun Set-up Gravity Fed (HVLP)	1.2mm-1.3mm
Air Pressure @ Gun (HVLP)	8 – 10 psi
% Solids Sprayable by weight	32%
Coverage (sq. ft. / gal @ 1 mil)	450
Shelf Life (unopened)	12 months
Package	
Clear	gallon (3.785 liters)
Activator	quart (.9463 liters)
Number per case	4

Health and Safety:

See Material 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 MSDS's of all components, 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 MSDS 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 MSDS.
- * Always observe all applicable precautions and follow good safety and hygiene practice.

Material Safety Data Sheet (MSDS) is available on our website

www.medallionrefinish.com

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