





Montana Big Sky™ CRV21 2K 2.1 VOC Urethane Crystal Clear Clearcoat




COMPONENTS
CRV21 Clearcoat
CRV21AF, CRV21AM or
CRV21AS Hardener




APPLICATION
1 medium-wet coat +
1 full wet coat
15 minute flash between coats




MIX RATIO
4 : 1



DRY TIME
To Polish – 10 hours
To Buff/Compound – Overnight



VISCOSITY
N/A



VOC
240 grams / liter
2.0 lbs / gallon



GENERAL

DESCRIPTION

Montana Big Sky CRV21 Crystal Clear 2.1 VOC Universal Clearcoat is a medium solids urethane clearcoat that provides excellent flow and leveling, rich gloss, and good durability and chemical resistance. CRV21 Clearcoat offers excellent UV protection, has great next day buffability, and meets low VOC regulations.

The products referenced herein may not be sold in your market. Please consult your distributor for product availability.



MIXING

COMPONENTS

Mix 4 parts CRV21 Clearcoat with 1 part CRV21AF, CRV21AM or CRV21AS Hardener

Component	Volume
Montana Big Sky CRV21 Clearcoat	4
Montana Big Sky CRV21AF/AM/AS Hardener	1

HARDENER SELECTION

- CRV21AF Fast 63-75°F / 17-23°C
- CRV21AM Normal 75-85°F / 23-29°C
- CRV21AS Slow 85°F + / 29°C +



SPECIALTY COMPONENTS

- CR22ACC Accelerator
- CR22FEE Fisheye Eliminator
- TH035/36/37 Zero VOC Urethane Reducer
- TH01000 Edge Blender
- SP40 Universal Matting Base

Accelerator – If needed, use 1 – 2 ounces of CR22ACC Accelerator per ready-to-spray gallon (or ¼ - ½ ounce per ready-to-spray quart).

Fisheye Eliminator – If needed, add 1 – 2 ounces of CR22FEE per ready-to-spray gallon (or ¼ - ½ ounce per ready-to-spray quart).

POT LIFE

2-3 hours at 75°F/23°C.



APPLICATION

APPLICATION EQUIPMENT

HVLP Gravity	1.3 - 1.4 mm	6 - 10 PSI	*At the cap
High Efficiency	1.3 - 1.4 mm	27 - 32 PSI	At gauge

NOTE: Refer to spray gun manufacturer for further information regarding HVLP Inlet Pressures

SURFACE PREPARATION

Apply base coat as needed with proper flash time between coats. Allow base to dry 20-30 minutes at 75°F/23°C before applying clear.

APPLICATION

Allow basecoat to dry per manufacturer suggested dry times. Apply one medium-wet coat of clear and allow 15-minutes flash & apply a second full wet coat. A third coat may be applied if extensive sanding and polishing is anticipated.

RECOATABILITY

Allow clear to dry overnight at 75°F/23°C prior to reapplying color coat. Re-clearing may be done as soon as 16-hours or up to 72 hours without having to scuff the clearcoat.

CLEAN-UP

Clean spray equipment immediately following application with a quality thinner or spray gun cleaner. Dispose of all paint and paint related materials in accordance with state and local regulations.



DRY TIMES

AIR DRY

@ 75°F/23°C

Dust Free	Approximately 15-20 minutes
To Polish	10 hours
To Buff/Compound	Overnight
Cure	7 days

FORCE DRY

Bake 35 – 45 minutes at 140°F/60°C. No purge time is necessary.



PHYSICAL PROPERTIES

Direct Impact	+80 ft/lbs
Reverse Impact	50 ft/lbs
Chemical Resistance	MEK pass 100 double rubs Xylene pass 100 rubs
RTS VOC	2.00 lbs/gallon
RTS Volume Solids	34.30%
RTS Weight Solids	35.20%
DFT per Coat	1.10 ± 0.20
Flash Point	See SDS

Note: Do not expose to rain for the first 24 hours when air dried. Excessive moisture on fresh clear can cause a milky appearance within the film.

STORAGE CONDITIONS

Store in a dry, well ventilated area. Storage temperatures should be between -30°F (-34°C) and 120°F (48°C).

VOC REGULATED AREAS

VOC as Applied 240 grams/liter | 2.0 lbs/gallon

These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing usage and recommendations in the VOC Compliant Products Chart for your area.

SAFETY AND HANDLING

For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and SDS precautions. If mixed with other components, mixture will have hazards of all components.

Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.

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In the United States and Canada:
1.855.6.AXALTA
montanabigsky.us

