



## TECHNICAL DATASHEET

### LACQUER PRIMER (2.1 VOC)

ART. NO: #190.280.21 (1G)

LACQUER PRIMER (2.1 VOC) is a premium quality primer specifically designed for automotive applications. It is formulated with the highest quality resins, dries quickly and sands very easily. When used with the proper 0 VOC reducer, it is compliant with the most stringent VOC regulations.

#### FEATURES

- ✓ Very fast dry time (approximately 30 minutes)
- ✓ Superior filling properties
- ✓ Easy sanding
- ✓ Simple 1:1 mix ratio
- ✓ Economical

#### COMPATIBLE SUBSTRATES

- ✓ Cured finishes
- ✓ Body filler
- ✓ Sanded fiberglass

#### COMPATIBLE SURFACES

- ✓ Water & Solvent base coats
- ✓ 2K & 1K single stage paint

#### CONDITIONS OF USE AND CONFORMITY

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgment in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.

#### HEALTH & SAFETY

See Safety Data Sheet and labels for additional safety information and handling instructions. Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry. Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on SDS. Always observe all applicable precautions and follow good safety and hygiene practices.

Product (Part A) VOC Regulatory Data For USA (National Rule & Low VOC) / Canada		
	g/L	LBS/GAL
Actual VOC	122.86	1.03
Regulatory VOC (less water & exempt solvents)	245.32	2.05
Density	1175	9.81
	WEIGHT %	VOLUME %
Total Solid Content	55%	37%
Total Volatile Content	45%	63%
Water	0%	0%
Exempt Compound Content	35%	50%

Hardener (Part B) VOC Regulatory Data For USA (National Rule & Low VOC) / Canada		
	g/L	LBS/GAL
Actual VOC	0.00	0.00
Regulatory VOC (less water & exempt solvents)	0.00	0.00
Density	1000	8.35
	WEIGHT %	VOLUME %
Total Solid Content	0%	0%
Total Volatile Content	100%	100%
Water	0%	0%
Exempt Compound Content	100%	100%

RTS VOC Regulatory Data For USA (National Rule & Low VOC) / Canada		
Coating Category	Primer	
Mixing Ratio	1 : 1	
	g/L	LBS/GAL
Actual VOC	61.43	0.51
Regulatory VOC (less water & exempt solvents)	245.32	2.05
Density	1087.50	9.08
	WEIGHT %	VOLUME %
Total Solid Content	28%	18.5%
Total Volatile Content	73%	82%
Water	0%	0%
Exempt Compound Content	68%	75%

#### PRODUCT DATA

Coverage: 400 Sq. Ft. / gal @ 1 mil\*

Color: Grey

Shelf Life: 12 months

Package: 1 Gallon

Number per case: 4

Safety Data Sheet (SDS) is available on our website



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### CAUTION

FOR OPTIMUM ADHESION AND CORROSION PROTECTION, BARE METAL SURFACES SHOULD BE COATED WITH CARWORX 135.696 ETCH PRIMER BEFORE APPLYING LACQUER PRIMER 2.1 VOC.

### HANDLING



#### SURFACE PREPARATION

1. Wash area thoroughly with soap and warm water, and then clean the repair area with a solvent or water based degreaser.
3. Sand area according to the body filler's manufacturer recommendations.
4. Re-clean the area with a degreaser before application.



#### MIXING

1. Make sure the product is at room temperature 72°F (22.2°C) and mix thoroughly before use.
2. Mix 1 part Lacquer Primer with 1 part 0 VOC reducer.

**N.B.** Using standard reducers or thinners will increase sprayable VOC out of compliancy.



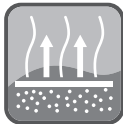
#### GUN SETUP

HVLP 1.6mm - 1.8mm, 15 - 25 psi @ gun



#### APPLICATION

Apply a first medium wet coat and follow with 1 or 2 full wet coats allowing a minimum of 5 - 10 minutes flash time between coats



#### FLASH TIME

**Between coats:** 5 - 10 minutes or until it achieves a matte finish



#### DRY TIMES

**Dust Free:** 5 - 10 minutes depending on temperature and reducer selection

**Air Dry:** 30 minutes @ 75°F (23.9° C) 50% HR



#### SANDING CHARACTERISTICS

**Optimum Times:** Air Dry: 45 minutes

**Sanding:** Use a P-320 grit or finer dry sandpaper and follow with a final sanding using a P-500 on a foam interface pad.