



RC01() REAL CLEAR

TECHNICAL DATA SHEET

Description

RC01() REAL CLEAR is a premium, high solids urethane clearcoat designed for overall refinishing as well as spot repair. **RC01() REAL CLEAR** is formulated to provide excellent gloss and clarity and will result in excellent performance in both air dry and baking environments.

Features

- Superior gloss and D.O.I. for a mirror-like appearance
- Outstanding clarity enhances brilliant colors
- High solids for faster film build and reduced labor
- Exceptional UV protection
- Excellent flow easily produces a smooth finish
- VOC Compliant

Typical Properties

Containers	RC011 gallon and RC014 quart
RTS viscosity	~ 20" in #2 Zahn
RTS weight solids	36%
RTS volume solids	33%
RTS VOC	3.6 #/gl (437 g/l)
RTS VOC using exempt catalyst and exempt reducer	2.0 #/gl (243 g/l)
Pot life @ 70°F (21°C) and 50% R.H.	45 - 60 minutes
Coverage at 2 mils	263 sq.ft./gl

Please refer to www.semproducts.com for physical properties and VOC information. Use VOC calculator to determine VOC of mixtures.

Handling and Application

MIXING: Stir thoroughly. Mix by volume:



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RC01() CATALYST REDUCER

NOTE: RCX2() REAL EXEMPT CATALYST, RCX36 REAL EXEMPT CATALYST FAST and SRX EXEMPT REDUCERS must be used in California to meet 2.1 VOC regulations.

Proper catalyst and reducer selection depends on shop temperature, humidity, air flow and job size. The catalyst and reducer used will also affect the pot life and dry time.

Part number	Description	Temperature range	Container
RC02()	REAL CATALYST	All	Qt(4) and ½ Pt(6)
RCX2()	REAL EXEMPT CATALYST	All	Qt(4) and ½ Pt(6)
RC036	REAL CATALYST FAST	60-75°F (18-24°C)	½ Pt
RCX36	REAL EXEMPT CATALYST FAST	60-75°F (18-24°C)	½ Pt
SR10()	FAST REDUCER	50-70°F (10-21°C)	Gl(1) and Qt(4)
SR20()	MEDIUM REDUCER	70-90°F (21-32°C)	Gl(1) and Qt(4)
SR30()	SLOW REDUCER	90-115°F (32-46°C)	Gl(1) and Qt(4)
SRX1()	FAST EXEMPT REDUCER	50-70°F (10-21°C)	Gl(1) and Qt(4)
SRX2()	MEDIUM EXEMPT REDUCER	70-90°F (21-32°C)	Gl(1) and Qt(4)
SRX3()	SLOW EXEMPT REDUCER	90-115°F (32-46°C)	Gl(1) and Qt(4)

APPLICATION: Strain mixture into gun.



Allow basecoat color to flash 10-20 minutes before applying **RC01()**.

Fluid Tip	Air Pressure	Distance	Coats	Flash Time between Coats
1.3-1.4	HVLP: 8-10 psi at the cap Non-HVLP: 45-55 psi	5-7"	2 Wet	Flash first coat until tacky, not stringy ~10 minutes

Flash time before force drying 10 minutes
Force dry time 30-45 minutes @ 140°F (60°C)
Air dry time to buff using **RC02()** or **RCX2()** 12-16 hours
Air dry time to buff using **RC036** or **RCX36** 4-8 hours

Dry times may vary depending on film build, shop conditions, catalyst and reducer used.



NOTE: If buffing is required, allow **RC01()** to fully cure and cool down, if force dried. Variations in film build, temperature, humidity and application will affect the time to buff. Begin by wet sanding with 2000 grit paper. Buff by machine at 1500-2000 rpm using a wool compounding pad and buffing compound. Continue with a quality foam finishing pad and a micro finishing polish. Finish with hand glaze. Do not use a heavy build wax for 90 days.

CLEANUP: Use appropriate cleaning materials compliant with VOC regulations in your area.



STORAGE:



RC01() REAL CLEAR, RC02() REAL CATALYST, RCX2() REAL EXEMPT CATALYST, RC036 REAL CATALYST FAST and RCX36 REAL EXEMPT CATALYST FAST should be stored in a cool dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **RC01()**, **RC02()**, **RCX2()**, **RC036** and **RCX36** is 3 years when stored under normal conditions.

TECHNICAL CONSULTATION SERVICE

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

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Users should review the Material Safety Data Sheet (MSDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the MSDS and product label are available upon request.

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