

# SMR-105 High Gloss Super Fast CLEARCOAT

## TECHNICAL DATA

### DESCRIPTION:

SMR-105, Speedo High Gloss Super Fast Clearcoat has been specifically formulated for the mobile repair industry. SMR-105 has been designed to increase productivity without sacrificing quality. SMR-105 is a 2K acrylic urethane clear with superior UV and chemical resistance. **% Solid; Sprayable by Weight: 36%.**

### TECHNICAL PRODUCT INFORMATION:

SMR-105, Speedo High Gloss Super Fast Clearcoat utilizes new resin technology which allows for an extremely fast cure while maintaining an ultra high gloss. SMR-105 is easy to apply and can be BUFFED in 40-50 MINUTES, yielding a DOI equal to an overnight dry clear.

### PACKAGING:

Part Number	Description	Temp.	Size	Qty. Case
SMR-105	SPEEDO High Gloss Super Fast CLEAR		Gallon	4
SMR-60	SPEEDO ACTIVATOR Fast	55°F - 65°F	Quart	12
SMR-75	SPEEDO ACTIVATOR Medium	65°F - 75°F	Quart	12
SMR-85	SPEEDO ACTIVATOR Slow	75°F - 85°F	Quart	12
SMR-95	SPEEDO ACTIVATOR X-Slow	85°F - up	Quart	12

### MIX RATIO:

SMR-105 is activated with SMR-60,SMR-75,SMR-85,SMR-95 (Speedo Activator) at a 4:1 ratio and can be reduced up to 5% with SMR-300 Accelerator.

4 Parts	SPEEDO CLEAR
1 Part	SPEEDO ACTIVATOR

### BASECOAT:

Can be applied over any urethane compatible basecoat. Please follow the basecoat manufacture's recommended clearcoat dry times. To increase Basecoat adhesion to substrate and/or clearcoat, add 5% SMR-600 Speedo Basecoat Activator to mixed basecoat prior to application.

### GUN SETUP

	Fluid Tip	psi
Mini Spray Gun	1.2 – 1.3mm	5-15 psi
Conventional Gravity Feed	1.3mm	25-30 psi

### APPLICATION

Using a 1.2-1.3 mm spray tip, apply 2-3 coats continuously until desired leveling is achieved. No flash required between coats

## DRY TIMES

<b>Air Dry</b>	
Flash Between Coats	0 minutes
Dust Free	10 minutes
Air Dry	45 minutes
<b>Express Dry</b>	
Flash Between Coats	0 minutes
Flash Before Force Dry	0 minutes
Bake Time	5-10 minutes @120°F

## RECOATABILITY/REPAIR

SMR-105 Speedo High Gloss Super Fast Clearcoat may be recoated for repair. After cool down when baked. Air dry repair 4 hour.

## SANDING/COMPOUNDING/POLISHING

*mobile refinish products*

<b>Optimum Times</b>		
Express Dry	After cool down	
Air Dry	40-50 minutes	
<b>Sanding</b>		
Express Dry	After cool down	Light de-nib: 2000 grit wet
Air Dry	40-50 minutes	Light de-nib: 2000 grit wet
<b>Compounding</b>		
Express Dry	After cool down	Foam compound pad (recommended)
Air Dry	40-50 minutes	Foam compound pad (recommended)
<b>Polishing</b>		
Express Dry	After cool down	Foam polishing pad (recommended)
Air Dry	40-50 minutes	Foam polishing pad (recommended)

## VOC INFORMATION

Coating Category: Gloss Clear

	Regulatory VOC	Regulatory VOC	Actual VOC	Actual VOC	Volatile Wt.	Water Wt.	Exempt Compounds	Density
	lbs/gal	g/l	lbs/gal	g/l	%	%	%	g/l
SMR-105	4.49	538	3	359	68.48	0	29.7	926
SMR-60	3.8	455	3.8	455	46.8	0	0	972
SMR-75	3.8	455	3.8	455	46.8	0	0	972
SMR-85	3.8	455	3.8	455	46.6	0	0	977
SMR-85	3.8	455	3.8	455	46.4	0	0	980
<b>Mixed VOC (4:1)</b>								
SMR-105 w/ SMR-75	4.3	515	3.16	378	64	0	23.5	935

## 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 practices.
- \* Safety Data Sheets are available at [www.speedokote.com](http://www.speedokote.com). **FOR PROFESSIONAL USE ONLY**

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