

SMR-107 High Gloss Overall CLEARCOAT

TECHNICAL DATA

DESCRIPTION:

SMR-107 Overall Clear is a high-quality acrylic urethane clearcoat formulated for overall and multi-panel applications. It provides a deep, rich gloss and is easy to apply. SMR-107 is compatible with waterborne and solvent basecoat color systems. It mixes 4:1 and uses a versatile activator system that can be used in a variety of climates.

% Solid: Sprayable by Weight: 41%.

PACKAGING:

Part Number	Description	Temp.	Size	Qty. Case
SMR-107	SPEEDO High Gloss Overall Clearcoat		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-107 is activated with SMR-60,SMR-75,SMR-85,SMR-95 (Speedo Activator) at a 4:1 ratio.

4 Parts	SPEEDO CLEAR
1 Part	SPEEDO ACTIVATOR

SURFACE PREPARATION

Apply basecoat color per the manufacturer's recommended procedures. Allow 15 minutes for each coat to dry before applying clearcoat. In temperatures below 70°F, a longer dry time is necessary for each coat of basecoat. For maximum gloss, allow the last coat of basecoat to dry for 45 minutes before applying clearcoat. Activated Polyurethane and Acrylic Enamel systems should be allowed to dry for a minimum of 8 hours. Thoroughly tack surfaces to be painted with a clean tack cloth before applying clearcoat.

BASECOAT:

Can be applied over any urethane compatible basecoat. Please follow the basecoat manufacture's recommended clearcoat dry times.

GUN SETUP

	Fluid Tip	psi
HVLP	1.2 – 1.4mm	5-15 psi
Conventional Gravity Feed	1.2 – 1.4mm	25-30 psi

APPLICATION

Apply basecoat color according to manufacturer's recommendations

Apply two wet coats of SMR-107, allowing 10-15 minutes flash time between coats

DRY TIMES

Air Dry	
Flash Between Coats	10-15 minutes
Dust Free	10-12 minutes
Air Dry	Next Day
Express Dry	
Flash Before Force Dry	5 minutes
Bake Time	30 minutes @140°F

RECOATABILITY/REPAIR

SMR-107 Speedo High Gloss Overall Clearcoat may be recoated for repair. After cool down when baked. Air dry repair Next Day.

SANDING/COMPOUNDING/POLISHING

mobile refinish products

Optimum Times		
Express Dry	After cool down	
Air Dry	Next Day	
Sanding		
Express Dry	After cool down	Light de-nib: 2000 grit wet
Air Dry	6-8 hrs	Light de-nib: 2000 grit wet
Compounding		
Express Dry	After cool down	Foam compound pad (recommended)
Air Dry	6-8 hrs	Foam compound pad (recommended)
Polishing		
Express Dry	After cool down	Foam polishing pad (recommended)
Air Dry	6-8 hrs	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-107	4.46	534	3.56	4.26	62.9	0	18	947
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-95	3.8	455	3.8	455	46.4	0	0	980
Mixed VOC (4:1)								
SMR-107 w/ SMR-75	4.3	515	3.61	432	59.6	0	14.3	954

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. **FOR PROFESSIONAL USE ONLY**

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