



Premium Coatings Since 1952

**Zolatone Automotive Industrial & Marine**  
Division of Surface Protection Industries International

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**TECHNICAL DATA SHEET**

FOR PROFESSIONAL/INDUSTRIAL USE \* KEEP OUT OF REACH OF CHILDREN  
Before using, read all instructions thoroughly



**DESCRIPTION**

9273-0090 Zo-Urethane Clear Coat is a unique 2:1 mix clear coat that can be applied as a 2.1 VOC clear coat for compliance in all areas. Zo-Urethane Clear Coat is a premium water-clear, high production coating that is compatible with Zolatone 20 Series Multicolor and all acrylic and polyester color systems. Can be air or force dried for a perfect OEM look.

**PHYSICAL DATA**

- Pot Life at 70°F: 90 minutes, 50% RH
- Flash Point: 76°F
- VOC Mixed/Sprayable: 2.04 lbs./gal. (244 g/l); calculated using regular catalyst with no reducer
- Coverage ft<sup>2</sup>/ gal. @ 1 mil: 634 sq. ft.

**FEATURES**

- Easy to spray
- Excellent color match on light colors
- Brilliant High Gloss
- High Production: Dust free in just 5 minutes
- Very Versatile: Activator selection for different temperatures and spray preferences
- Full coverage in just 2 coats
- Compatible with Zolatone 20 Series and all acrylic and polyester basecoats
- Simple 2:1 mix ratio with optional 5-10% reduction



**SUBSTRATES**

Zo-Urethane Clear Coat is designed for use over Zolatone 20 Series and all acrylic and polyester basecoat systems.

**PROTECTIVE CLOTHING AND EQUIPMENT**

Avoid contact with eyes, skin, and clothing. Wash clothing before reuse. Destroy contaminated shoes.

**RESPIRATORY PROTECTION**

Use adequate ventilation. Do not breath vapors or spray mist. Wear appropriate, properly fitted respirator (NIOSH/MSHA TC-19C approved) during and after application unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.



**MIXING**

Mix Ratio

2 part Zo-Urethane Clear Coat (9273-0090-1G, 9273-0090-QT)

1 parts Zo-Urethane Catalyst

Catalyst Options: Regular Catalyst (9273-21RC-QT, 9273-21RC-PT) Temperature Range 65°-75°F  
Slow Catalyst (9273-21SC-QT, 9273-21SC-PT) Temperature Range 75°-85°F  
X-Slow Catalyst (9273-21XS-QT, 9273-21XS-PT) Temperature Range 85°-95°F

5-10% Optional Reduction with 9273-URED-1G, 9273-URED-PT Zo-Urethane Grade Reducer.  
(Using Zo-Urethane Grade Reducer will raise VOC above 2.1).

**NOTE:** For weather conditions of 95°F and up add 1oz. of Zo-Urethane Retarder 9273-URET-QT to ready to spray cup.

## GUN SETUP

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Conventional Gravity:	1.3mm—1.5mm
Siphon:	1.3mm—1.5mm
HVLP:	1.3mm—1.4mm
Fluid Adjustment for 1.3mm:	Turn out 3 full turns
Fluid Adjustment for 1.4mm:	Turn out 2 1/2 turns
HVLP Pressure:	10 lbs. Max.
Conventional Pressure:	45—50 PSI



## APPLICATION / FLASH / DRY TIMES

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### Air Dry

Flash Between Coats:	5 minutes
Dust Free:	3-5 minutes
Handle Time:	2-3 hours
Light Polish:	2-3 hours
Heavy Polish:	4-6 hours
Stripe Time:	6-8 hours
Deliver Time:	6-8 hours
Decal Time:	24 hours
Recoat Time:	Overnight

### Express Dry

Flash Between Coats:	5 minutes
Flash Before Force Dry:	0 minutes
Cycle Time:	15 min. @ 130°F (metal temp)
Dust Free:	3-5 minutes
Handle Time:	After cool down
Polish:	After cool down
Stripe Time:	2 hours
Deliver Time:	After cool down
Decal Time:	24 hours
Recoat Time:	After cool down

## SANDING / POLISHING

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### Sanding

Use 1500 grit wet or finer or use a foam interface pad with P1500 DA or finer.

### Compounding

Apply a thin ribbon of compound to area to be polished. Using a foam or wool compound pad. Maintain air polisher or variable speed buffer at 1800—3000 rpm. Remove excess finishing compound with clean soft cloth prior to applying finishing polish.

### Polishing

Apply a ribbon of material to work a 2—3 foot square area. Use a foam or wool polishing pad. Maintain a variable speed buffer or an orbital polisher at 1200—1800 rpm. Keep buffer/polisher moving at all times. Overlap each pass approximately 50%. As finishing polish begins to dry, stop polishing. Wipe off excess finishing polish with a clean soft cloth. Hand buff with clean soft cloth as a finishing touch.

## CLEAN UP

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Clean all equipment thoroughly with good quality lacquer thinner after each use.

## TECHNICAL DATA

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• Mix Ratio	2:1
• Pot Life	90 minutes @ 70°F, 50% RH
• Flash Times	5 minutes
• Number of Coats	2 Wet
• Recoat Time	Air Dry: Overnight Express Dry: After cool down
• Sand Time	Air Dry: 4-6 hours Express Dry: After cool down
• Force Dry	15 min. @ 130°F (metal temp)
• V.O.C. Limit	2.1
• Actual RTS VOC	2.04
• % Solids RTU by Weight	46.9%
• % Solids RTU by Volume	45.4%
Coverage ft <sup>2</sup> / gal. @ 1 mil	634 sq. ft.