# TECHNICAL DATA SHEET

## PRODUCT DESCRIPTION

**Product identifier** Car Shine 4:1 HS Clear Coat LV
**Product Code** SSC4101

SSC4104 is a high solids urethane clearcoat designed for air dry and force dry environments.
It meets stringent VOC regulations at 2.1 VOC, while providing excellent gloss, DOI, leveling, blending, and buffing characteristics.
It is suitable for application over all Basecoats or 2.8 / 3.5 VOC Single-Stage Enamels.

## MIXING

**4**
SSC4101 Clear

**1**
SSH40 or
SSH41 or
SSH42 Hardener

**Hardener Selection Chart**
SSH40 55°-80°F*
SSH41 75°- 90°F
SSH42 90°F and above
*SSH40 Fast Hardener is designed for 1-3 panel

## SAFETY AND PERSONAL PROTECTION

1. For use by trained professionals only.
2. Read label, directions, and MSDS before use.
3. Use appropriate Personal Protective Equipment while mixing and spraying.
4. Wear a NIOSH approved dust particulate mask when sanding, mixing or applying this product

## APPLICATION

1. Apply 2 coats of product.
2. Let each coat dry until hand-slick before applying the next.
    * For wet-on-wet application, allow a 2–5 minute flash time between coats.
3. Set spraygun pressure to:
    * HVLP: 8–10 psi
    * Conventional: 50–60 psi

## RECOAT

| | |
|---|---|
| **Recoat on Basecoat** | 10 – 15 minutes |
| **Recoat on Single-Stage Enamel** | 4 hours to overnight |
| **Clearcoat Dry Time** | Overnight before scuff |

## DRY TIME (at 70°F)

| | SSH40 | SSH41/SSH42 |
|---|---|---|
| **Dust Free** | 15 minutes | 45–60 minutes |
| **To Deliver** | 3 hours | 8 hours |
| **Force Dry** | N/A | 30 minutes @ 140–145°F (surface temperature) |

## BUFFING

If necessary, after 24 hours air dry*, or cool down from force dry, sand with 1500 or finer grit paper and buff with the appropriate compound.
Buffing is easiest when done within the first 48 hours following application.
When used with SSH40 Hardener, SSC4101 Clearcoat can be buffed in as little as 1 hour.

## PHYSICAL DATA

| | | |
|---|---|---|
| **Pot Life** | 1 hour | at 75°F |
| **VOC (Ready to Spray)** | < 2.1 | lbs/gal |
| **Fisheye Eliminator (FA250)** | 1/3 to 1 oz per RTS quart | |
| **Hardener Options** | SSH40 or SSH41 or SSH42 | see temp chart |
| **Theoretical Coverage** | 571 | ft²/gal @ 1 mil dry |

## REGULATORY INFORMATION

| | | | | |
|---|---|---|---|---|
| **VOC Total (G/L)** | 99 | as packaged | **HAPs** | 0.00 (as packaged) / 0-0.7 (as applied) |
| **VOC Total (Lbs/Gal)** | 0.83 | as packaged | **Volatiles (%)** | 62.4 (packaged) / 59.6–60.2 (applied) |
| **VOC Total (G/L)** | 126–130 | as applied | **Volatiles (Vol.%)** | 67.2 (packaged) / 64.2–64.4 (applied) |
| **VOC Total (Lbs/Gal)** | 1.05–1.08 | as applied | **Water (%)** | 0.00 |
| **VOC Less Exempt (G/L)** | 221 | as packaged | **Exempt Compounds (%)** | 52.2 (packaged) / 47.6 (applied) |
| **VOC Less Exempt (Lbs/Gal)** | 1.85 | as packaged | **Exempt Compounds (Vol.%)** | 55.0 (packaged) / 49.4 (applied) |
| **VOC Less Exempt (G/L)** | 250–253 | as applied | **Density (G/L)** | 971 (packaged) / 1005 (applied) |
| **VOC Less Exempt (Lbs/Gal** | 2.08–2.10 | as applied | **Density (Lbs/Gal)** | 8.11 (packaged) / 8.39 (applied) |