



KORETHAN ENAMEL GLOSS UT5015-A-9000(SC) is a two-component, acrylic polyurethane resin based clearcoat with excellent resistance to scratch and high levelling property compared with conventional urethane paint. It has outstanding high gloss, build-up properties and very good durability, resistance to chemicals and weathering.

<b>Recommended use</b>	1. As a clearcoat for use on the high quality automotive parts and other electric home appliances. 2. As a finish for use on the plastic substrates such as ABS, modified PPO (noryl), Polyamide.
<b>Physical Properties</b>	
<b>Finish and Color</b>	Gloss, Clear.
<b>Specific gravity</b>	0.99 ± 0.03
<b>Solids by volume</b>	44 % ± 3 (주제 기준) 42 % ± 3 (경화제 포함)
<b>Spreading rate (Theoretical)</b>	14.1 m <sup>2</sup> /L in 30 μm dry film thickness on a smooth surface.(Theoretical)
<b>Viscosity</b>	61 KU ± 3
<b>Application details</b>	
<b>Surface preparation</b>	Remove any oil and grease, dust and other contaminants from the surface to be coated with suitable solvent.
<b>Preceding coat</b>	KORETHAN ENAMEL UT578(A)
<b>Method of application</b>	Air spray application. Nozzle orifice : 1.2 ~ 1.5 mm Output pressure : 405.3 – 506.6 kPa (Above air spray data are indicative and subject to adjustment). Use the well strained paint. Strain through 325 mesh screen. Clean tools thoroughly before and immediately after use.
<b>Mixing</b>	Base (UT5015-A-9000(sc)) : Curing Agent (UT595-B) = 2.5 : 1 (by volume). Mix separately, then together combine and mix thoroughly prior to application in the proportion.
<b>Thinning</b>	If necessary, use THINNER No. TH0050, TH0045, 037U.
<b>Application conditions</b>	Preferred temperature during application is 20 °C ~ 28 °C/68 °F ~ 82 °F, and relative humidity preferable 50 ~ 85%.
<b>Film thickness</b>	Recommended dry film thickness 30 ~ 40 μm
<b>Drying time</b>	At 20 °C/68 °F, Set to touch : 30 min Fully cured : 5 d Force drying : 70 °C/158 °F X 30 min (Surface temperature)
<b>Pot life</b>	At 20 °C/68 °F, 4 h Mix only the amount which can be used in pot life.

<b>Recoating interval</b>	At 20 °C /68 °F, Minimum : 10 h Maximum : 5 d
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<b>Storage and package</b>	
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<b>Packing Unit</b>	1) 17.5 L [Base(UT5015-A-9000(SC)):Curing Agent(UT595-B) = 12.5ℓ:5ℓ]
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<b>Remarks</b>	
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<b>Note</b>	Protect skin and eyes, and avoid prolonged breathing of solvent vapors. Use with adequate ventilation. Keep away from heat, sparks and open flames.
<b>1'st issue</b>	2007-02-01
<b>Revision</b>	

Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

