



Wheel Primer TP1811 is a primer that provides an ideal base with superior adhesion to materials by adding thermosetting acrylic resin as a main component and special resin.

In particular, it has excellent adhesion to aluminum materials without using heavy metals, so it has excellent properties not only in mechanical properties but also in chemical properties. In addition, it has excellent wettability and spreadability to aluminum materials and forms a film with excellent smoothness

Recommended use	For aluminum material (for aluminum wheel etc.)
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Physical Properties

Finish and Color	LIGHT GREY
Specific gravity	about 1.2 (Kg/L)
Solids by volume	Depending on the color 40 – 45%
Spreading rate (Theoretical)	On a smooth surface DFT by 10um 40~45 m ² /L
Flash point	26°C (closed)

Application details

Surface preparation	Remove rust, dirt, oil and other contaminants from the surface of the substrate completely. (min 400 mesh grinding)It is possible to obtain better physical properties by coating. (Aluminum material: chromate film treatment)
Method of application	Air spray, electrostatic spray. * When spraying air spray: Nozzle diameter: 1.3 – 1.5mmφ Injection pressure: 4 – 5Kg / cm ² Number of spray: 2 – 5 times (round trip) Setting time: 5 – 10 minutes (The above painting method is for reference only and may vary depending on conditions.) * In case of other brushes, rollers, airless, dip coating can occur coating defects
Thinning	* When spraying air spray, thinner No. 029R (standard type), 053 (second speed type), 032E (quick drying type), 094R (long type) Dilution viscosity: 16–20 seconds (20 ° C) / Ford cup No. 4 dilution rate: 30 – 40% (volume ratio) * When applying electrostatic paint, 094R, 094A (Electrostatic type) * However, depending on the working conditions, the coating environment, the temperature, size and shape of the substrate, please use the diluent appropriately. * If diluted paint is used by filtration, you can prevent the nozzle diameter from clogging when spraying. * Dilution should be used with the specified diluent.
Application conditions	In order to prevent condensation of water, the surface temperature of the substrate must be at least 3 ° C higher than the dew point, the temperature of the substrate suitable for the coating operation is 5 – 35 ° C, the relative humidity is 35 – 80%.
Film thickness	DFT 10~30 um
Drying time	150°C X 10min (Surface temperature of substrate).
Subsequent	Wheel coat TT6770, TT6760 or according to painting specifications.

Coat	
Storage and package	
Shelf life	12months
Storage	Store in cool, well-ventilated cows and turn over the cans every two months.
Packing Unit	18L, 4L
Remarks	
Note	Avoid moisture and direct sunlight. Stir well before use, since precipitation may occur during storage. Please keep the remaining amount after use sealed. Because it is a flammable substance, be careful of fire and operate under sufficient ventilation. Avoid contact with skin and eyes. Avoid breathing solvent vapors for a long time. Wear respiratory protection when spraying in confined spaces or confined spaces. In case of contact with eyes, rinse immediately with clean water and give first aid (about 15 minutes) and get medical attention.
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Revision	

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.

