



This is a LOW VOC 2K Primer acrylic urethane Primer surfacer for automobile repair

It is possible to respond to high saturation of automotive paints by applying a non-yellowing hardening agent

It is composed of white and gray, so that the achromatic color desired by the user can be implemented

It dries quickly and has excellent rusting and polishing properties.

In particular, it is a product with excellent interlayer adhesion to topcoat and water resistance, solvent resistance.

Physical Properties

RTS Combination	Coating Category : Primer / Primer surfacer
	Max. VOC (AP) : 116.4g/L 0.97lb/gal
	Max. VOC (LE) : 221.9g/L 1.85lb/gal
	Avg. Weight % Volatiles : 47.0%
	Avg. Weight % Water : 0%
	Avg. Weight % Exempt Solvent : 39.3%
	Avg. Volume % Water : 0%
	Avg. Volume % Exempt Solvent : 31.5%
	Density : 1511.1g/L 12.61lb/gal

Application details

Surface preparation	Skim the surface clean with a degreasing agent (auto cleaner) and dry it sufficiently. Use the Tag right before painting to remove any dirt or foreign substances that have not been removed. 1. For repair painting: After polishing the defective part of the coating film, dry it completely. 1) Old film removal: The old film on the part to be worked has been repaired more than 3 times, or the film thickness is more than 300 μm, so aging enamel, In the case of lacquer-based coatings, wash and degrease after peeling. 2) Polish and degrease after painting putty. 2. For new coating: Completely remove release agents, oil and other contamination from the surface of the substrate. 3. If the part to be worked on is a bare iron plate, be sure to apply a wash primer and then apply it halfway.
	Mixing Ratio PRIMER : HARDENER : REDUCER = 100 : 25 : 45 (BY VOLUME) / 100 : 17 : 30 (BY WEIGHT) HARDENER : CA210(M), CA210(S), CA210(F) REDUCER : RE0045(M), RE0045(S), RE0045(F) Recommend Temperature F(Fast) : 5~15℃(41~59°F) , M(Medium) : 15~25℃(59~77°F) , S(Slow) : 25~35℃(77~95°F) Pot Life Ready for Spraying approx. until 1.2 hours at 25℃ (77°F) Spray Gun set up Fluid Tip : 1.3 ~ 1.4 / pressure : 2.0 ~ 2.2 bar Spraying Viscosity 14 ~ 16 seconds. Ford Cup #4 at 25℃ (77°F) Application Method 2 single coats Flash Off Time 3~5 minutes at 25℃ (77°F) Film Thickness Approx. 40 ~ 50 μm Curing Time 60 °C (140 °F) * 15 minutes (object temperature) Finish sand P400 ~ P600
Subsequent Coat	Base coat recommended products BAROMATCH, UT5901, SUMIX (If you use other company's base coat, must check the property before adjust) Clear coat 10 ~ 15 minutes after the base coat (Depends on coating conditions.)

Storage and package

Packing Unit	PRIMER : 4L HARDNER : 1L
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Remarks

Handling	For professional use only. Do not handle until Material Safety Data Sheets have been read and understand.
Precautions	Use protective equipments when mixing and spraying. Respiratory protection is recommended. Keep away from the heat, sparks and open flames.

Keep the containers closed when not in use. Curing agent is very sensitive to humidity.
If painting equipment and equipment are left unattended for a long time after painting, the remaining mixed paint will be cured and it will be difficult to clean, so wash it with a diluent immediately after use.
The quality of this product can be guaranteed if the paint from our system is used and the work is done in accordance with the recommended conditions.
Unidentified problems may occur when mixed with products from other companies, so be sure to check the appearance and film properties before use.
Store it indoors at a temperature above 5°C and below 30°C.

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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.

