

## TECHNICAL DATASHEET: Primer 301 - Automotive Paint Activator

**PRODUCT DESCRIPTION**

Primer 301 is a primer/adhesion promoter for smooth surfaces to improve the adhesion of all Sup-R-Mount tapes.

**TYPICAL APPLICATIONS**

- Often used on automotive paints where cleaning and surface activation is done in a single step.
- Can be used for a variety of metals, plastics or ceramic coatings to improve the adhesion performance and improve wetting and accelerate bond strength build up.
- On low surface energy plastics such as PE or PP, the surface should be treated with flame, corona or similar.

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
CARRIER SOLVENT	Isopropyl Alcohol approx. 98%	
ACTIVE CHEMISTRY	Alkyl-Titanate	
COLOR	Clear	
DENSITY	Approx. 0,8 kg/L	
VISCOSITY	Approx. 2 mPas	
FLAMMABILITY	53.6°F	
DRY TIME	Approx. 1 min. - max. 2 hrs.	
CONSUMPTION	Approx. 50 ml/m <sup>2</sup>	

SHELF LIFE/STORAGE	
SHELF LIFE	12 months before opening and 1 month after opening.
RECOMMENDED STORAGE CONDITIONS	Store at 59°F to 77°F

- APPLICATION GUIDE:**
- Although Primer 301 can be used as a single step washprimer such substrates/surfaces should be free of dust, dirt and especially oil and/or grease. It might be required to remove such larger amounts of contaminations using Silverclean Dirt&Dust (polar version) or Silverclean Oil&Grease (non-polar version). Silverclean Dirt&Dust can be diluted with demineralized water in a 50:50 ratio to receive a nonflammable cleaner.
  - Shake Primer 301 bottles before use.
  - Apply in a thin layer with a lint free one-way tissue e.g. SilverWipe Dry and change tissue after each use. The use of special applicators such as Designetics™ or others is also possible.
  - Dry time for Primer 301 is approx. 2-5 minutes depending on the ambient temperature and moisture level.
  - Hot air ventilation can be used to shorten dry time.
  - Always close after use as moisture will be attracted. If turbidity occurs, do not use any more.

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**

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**CAUTION:**

- Refer to the Materials Safety Data Sheet for specific medical, disposal and handling information.
- During application, avoid contact by wearing protective gloves, goggles and suitable protective clothing.
- Flammable! Keep away from heat, sparks and open flame.
- Contains regulated chemicals which may cause skin and eye irritation, headaches and nausea. May be harmful if ingested. If contact occurs with skin or eyes, flush with plenty of water for Up to 15 minutes and seek medical attention.
- Use in well ventilated areas or use approved respiratory equipment. If person is affected by vapors, move person to fresh air.
- Do not allow this product or leftovers to reach aquatic environments, the ground or the sewer system. Dispose contaminated wipes in dedicated waste bins.

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