



# Technical Data Sheet

## BASECOAT METALLIC (1 PACK)

Product code: PS3831

### Composition and Application Field

**EVI Basecoat Metallic (1 Pack)** is based on a special type of fast drying thermoplastic Resin, with Titanium dioxide and other light fast inhibitive pigments with tough extenders. This product has exceptional resistance to gasoline, oil and water and does not bleed on asphalt. It has good gloss retention and withstands the harsh climatic conditions.

### Use

**Substrates:** Steel structures and automobile components.

**Area of Use:** Exterior finishes for cars/refinishing and touch up jobs.

### Specification

Finish	: Glossy
Colour	: All metallic colours.
Specific gravity	: $1.33 \pm 0.02$
Volume solids	: $32 \pm 2\%$
Diluent	: EVI Auto Lacquer Thinner
Flash point	: 29°C (mixed)
Spread Rate:	
While the spread rate is directly dependant on the surface profile and also the type of undulations it has, as a thumb rule EVI Basecoat Metallic (1 Pack) would cover 14 to 15 sq. meters per lit.	
Drying Time (30°C)	: Set to touch: 10 – 20 min.
	: Ready for overcoat: around set to touch time.
	: Hard dry: overnight 16 hours
Recommended DFT	: App 20 – 25 mic.

### Surface Preparation

A good surface preparation and following the method statement / recommended system procedure of EVI is an ideal recommendation for the application of **EVI Basecoat Metallic (1 Pack)**.

#### For Metals and wood:

Achieve a good and clean surface by removing all contaminants by cleaning & drying. A rust free surface should be achieved by good sweep blast or a wire brush. In case of automobile substrates where a high degree of surface is to be maintained the use of **EVI Degreasing Solvent** is recommended.

Exclusions for successful application include perpetually wet surfaces and also large cavities on metal.

### Application Method

Adequate ventilation is an ideal situation as it helps in drying and the good application itself. Avoid high humid conditions i.e., >95% when condensation is likely to interfere and also when the surface temperature is at least 3°C above dew point.

#### Application:

**EVI Basecoat Metallic (1Pack)** can be applied as a topcoat finish over the **EVI PU Based 2K Primer** after necessary curing. To be by Spray 4-5 kg/cm<sup>2</sup> (2000 - 2100 psi). Nozzle size: 0.015 - 0.019 inches or conventional spray at 50 – 60 psi. One can add **EVI Auto Lacquer Thinner** for achieving spray viscosity of app 17 – 18 secs on Ford cup 4 ASTM and for ease of application.

**Caution:** Over diluting would result in a sag and run downs.

### Paint System

EVI BASECOAT METALLIC (1 PACK)	
-EVI PU Based 2K Primer	2 coats
- <b>EVI Basecoat Metallic (1 Pack)</b>	<b>1 – 2 coats</b>

- Or as per EVI technical advice.

### Storage & Shelf Life

Under dry and cool condition, storage stability can be sound up to 18 months in original sealed containers.

### HANDLING

**Disposal:** As per the guidance and legislations of the local Authority e.g. by controlled landfill. In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.

**Flash Point:** 29°C and contains organic solvent.

### Safety Precaution

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream.

Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray. MSDS is available on request for the safe handling of this product.

### FIRST AID

**Eyes:** In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

**Skin:** Wash skin thoroughly with soap and water or approved industrial cleaner. DO NOT USE solvent or thinners.

**Inhalation:** Remove to fresh air, loosen collar and keep patient rested.

**Ingestion:** In case of accidental ingestion DO NOT INDUCE VOMITING. Obtain immediate medical attention.