

## General Description:

PU HI-GLOSS TAC is a polyurethane glossy varnish based on polyfunctional saturated polyester resin. A varnish of two component materials with excellent covering properties and very high gloss finish. Due to its high solid content, it is resistant to weathering and it is non yellowing which is suitable for interior and exterior application.

## Major Uses:

Highly recommended for household furniture such as beds, cabinets, chairs, sofas, doors and frames turned pieces and likes. It is also used for car refinishing, car parts, machineries, yacht and marine coatings.

## Characteristics and Physical Properties:

Appearance	Clear
Specific gravity @25°C	0.990 kg/m <sup>2</sup>
Viscosity ( FC #4 @ 25°C)	15 +/-0.5 sec.
Gloss@ 60°	100
Flash point	20°C
Solids by weight	50%
Application Condition:	
Air temperature	5~35°C
Relative humidity	85% max.
Application method	Spray/Curtain Coater
Recommended Catalyst	016
Thinner	PU Thinner # 105/205
Mixing/Dilution Ratio	Base : Catalyst : Thinner
Spray	100 : 100 : 15
Curtain Coater	100 : 100 : n/a
Pot life @ 25°C	4-6 hours
Drying time:	
Dust free	15-20 min.
To touch	35-45 min.
Recoat	2-3 hrs.
Hard	24-36 hrs.
Coverage	6 ~ 8 m <sup>2</sup> /L

## Method of Application:

- The surface to be top coated should be primed with either polyurethane sealer or polyester clear sealer.
- It should be cleaned, well – sanded and free from dust, oil, water and other contaminants.
- To a well – prepared surface, apply 1 – 2 coats of PU HI-GLOSS TAC, horizontally and vertically.
- One coat may be sufficient for ordinary finish; however, one additional coat can be applied wet on wet if necessary. Light sanding with 600~800 grit sand paper is recommended when recoating time exceeds 3 hrs. Remove traces of wax.
- When applied by curtain coater, viscosity of the mixture should be carefully monitored before and during application.

## Packing:

Available in 1USG, 20 lit. Pail and 200lit Drum.

## Storage:

Shelf life 12 months minimum if stored below 25°C.

## Cleaning of Tools:

All tools should be cleaned with Wash Thinner or PU Thinner # 105.

## Physiological Hazards:

PU HI-GLOSS TAC does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU HI-GLOSS TAC is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advice.

*The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.*

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